

Medical College of Georgia

2003-2004 Catalog



[A-Z Index](#) | [MCG Home](#) | [Site Search](#)

Contents



General Information

[Accreditation](#)
[Board of Regents](#)
[Campus Map](#)
[Course Descriptions](#)
[Leadership](#)
[Mission Statement](#)
[Notices](#)
[Transcripts](#)

Academic Policies & Procedures

[Academic Regulations](#)
[Admission to MCG](#)
[Core Curriculum for Bachelors Degrees](#)
[Enrollment Certification](#)
[Immunization Requirements](#)
[New Student Orientation](#)
[Student Conduct Code and Procedures](#)
[Student Health Insurance](#)

Student Services

[Bookstore](#)
[Career Services](#)
[Computer Use](#)
[Counseling](#)
[Express Card](#)
[Food Services](#)
[Housing](#)
[Library](#)
[Mail](#)
[Public Safety](#)
[Recreation/Wellness Center](#)
[Registrar](#)
[Special Academic Programs](#)
[Student Diversity / Internationals](#)
[Student Handbook](#)
[Student Health](#)
[Student Organizations](#)

Academic Calendars

Majors and Degrees

Financial Information

[Acceptance Deposits](#)
[Classification for Tuition](#)
[Financial Aid](#)
[Out-of-State Tuition Waivers](#)
[Perkins Loan Exit Counseling](#)
[Stafford Loan Exit Counseling](#)
[Tuition and Fees / Refunds](#)
[Waiver of Mandatory Fees](#)

Archived Catalogs

[2002-2003 Catalog](#)
[2001-2002 Catalog](#)
[2000-2001 Catalog](#)

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Please email comments, suggestions or questions to:

Russell Long, catalog@mail.mcg.edu.

May 24, 2004

Accreditation

The Medical College of Georgia is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1886 Southern Lane, Decatur, Georgia 30033-4097, telephone number 404/679-4501) to award one-year and advanced certificates and degrees at the associate, baccalaureate, master's, first professional and doctoral level.

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May 10, 2004

Medical College of Georgia 2003-2004 Catalog[A-Z Index](#) | [MCG Home](#) | [Site Search](#)[MCG Home](#) > [2003-2004 Catalog](#) > [Accreditation](#)**Board of Regents of the University System of Georgia**

The Medical College of Georgia is an institution of the University System of Georgia. The University System of Georgia's Board of Regents was created in 1931 as a part of a reorganization of Georgia's state government. With this act, public higher education in Georgia was unified for the first time under a single governing and management authority. The governor appoints members to the Board, who each serve seven years. Today the Board of Regents is composed of 16 members, five of whom are appointed from the state-at-large, and one from each of the 11 congressional districts. The Board elects a chancellor who serves as its chief executive officer and the chief administrative officer of the University System.

The Board oversees 34 institutions: four research universities, 2 regional universities, 13 state universities, 2 state colleges, and 13 two-year colleges. These institutions enroll more than 200,000 students and employ more than 9,000 faculty and 30,000 employees to provide teaching and related services to students and the communities in which they are located.

Board of Regents

University System of Georgia

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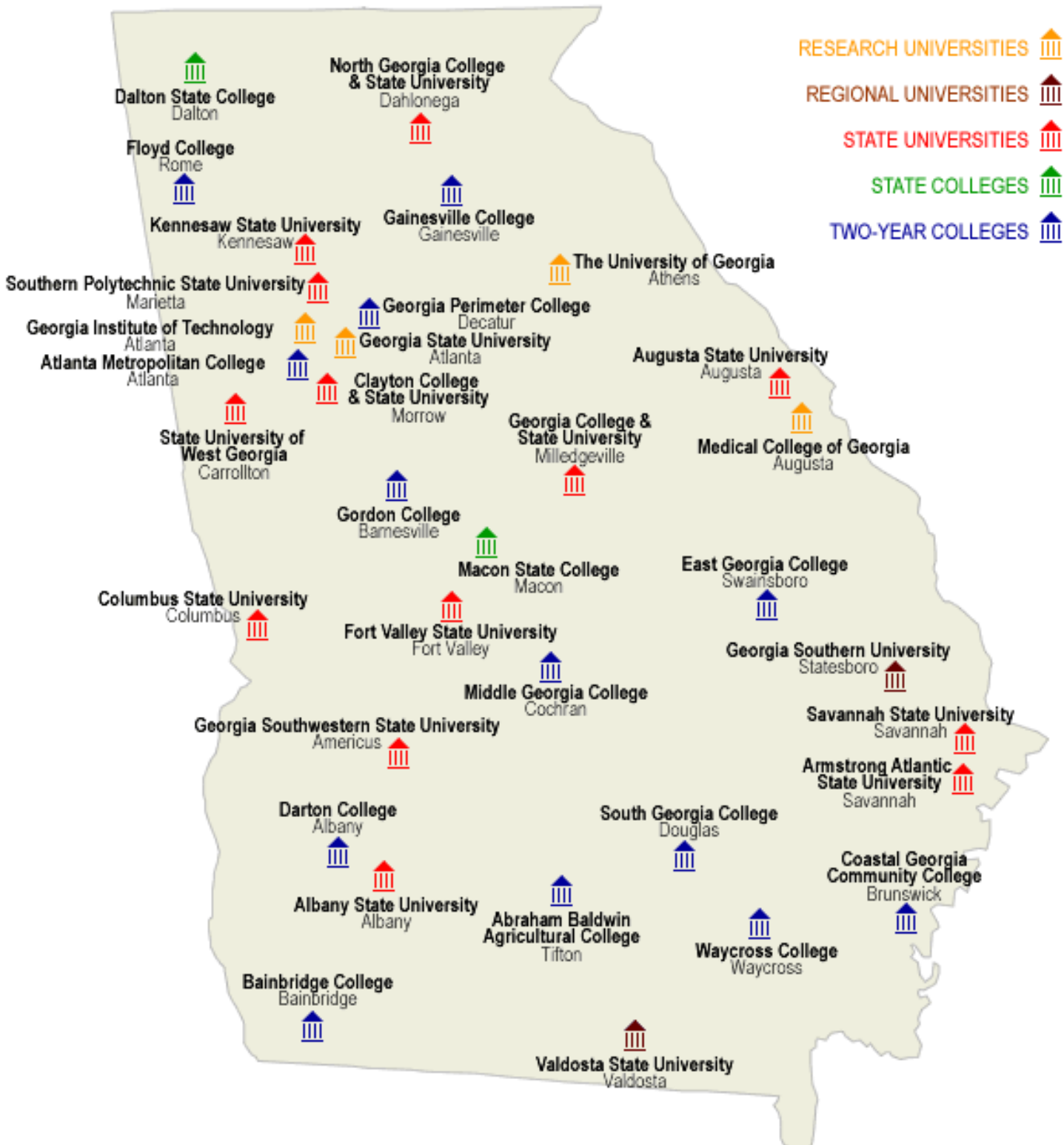
Atlanta, Georgia 30334

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<p>SHELNUT, J. Timothy</p>	<p>Tenth (8/25/00 - 1/01/07)</p>	<p>Four Seasons Securities, Inc. PO Box 211688 Augusta, GA 30917 PH 706-868-1688 FAX 706-868-1690</p>
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Please email comments, suggestions or questions to:

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May 10, 2004

Campus Maps

Map with building names: <http://www.mcg.edu/images/campusmap.pdf>

Flat map: <http://www.mcg.edu/images/flatmap.pdf>

NOTE: When viewing these maps, use the back button of your browser to return to this page.

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May 10, 2004

[Catalog 2003-2004](#)

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Course Descriptions

Descriptions of courses taught at the Medical College of Georgia may be found by following the links below. Please choose the school in which the course is taught.

- [School of Allied Health Sciences](#)
- [School of Dentistry](#)
- [School of Graduate Studies](#)
- [School of Medicine](#)
- [School of Nursing](#)

[Catalog 2003-2004](#) | [Medical College of Georgia](#)

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November 05, 2003



Guide to Course Descriptions

School of Allied Health Sciences

Discipline	Prefix
Allied Health Sciences	AHS
Biochemistry	BCM
Dental Hygiene	DHY
Dental Hygiene, Microbiology	MIBD
Dental Hygiene, Nutrition	OBI
Dental Hygiene, Oral Medicine	OMD
Dental Hygiene, Pathology	PATH
Dental Hygiene, Periodontics	PER
Dental Hygiene, Pharmacology	PHM
Dental Hygiene, Radiology Techniques	RADD
Diagnostic Medical Sonography	DMS
Health Information Management	HIM
Health Information Technology	HIT
Master's of Physical Therapy	MPT
Medical Technology for Certified CLTs and MLTs	MTCM
Medical Technology, 2+2 Transfer Program	MTCC
Medical Technology, 4+1 Program	MTCP
Medical Technology, Distance Program	MTCD
Medical Technology, Flow Cytometry	MTCF
Medical Technology, Independent Study	MTCI
Nuclear Medicine Technology	NMT
Occupational Therapy	OCC
Occupational Therapy Assistant	OTA
Oral Health	ANMD
Physician Assistant	PAD
Radiologic Sciences	RSC
Radiologic Sciences	RTR
Radiologic Sciences	RTT
Radiologic Sciences, Management	RSM

[Radiologic Sciences, Physics](#)

PCS

[Respiratory Therapy](#)

RTH

[Return to Course Descriptions Home](#)

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[Student Affairs and Admissions](#) | [Medical College of Georgia](#)

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registrar@mail.mcg.edu

June 23, 2003

AHS3304. Applied Pathophysiology for the Rehabilitation Professional

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Admission into program

An introduction to the basic pathophysiological processes. Systems, stress, maturation, and healing pertaining to rehabilitation will be covered. Included will be key principles of exercise physiology as related to occupational therapy evaluation and intervention.

Grading System: ABCDF

AHS3502. Evidence Based Practice

1 lecture hrs | 2 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: Admission into program

Introduction to research literature evaluation and review, including resources to conduct a literature search, use of library and web resources to critically examine published research of evidence based practice trends.

Grading System: ABCDF

AHS3610. Ethics in Health Professionals

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: None

Prevailing philosophies and basic ethical principles will be presented and legal issues common to allied health professionals will be discussed. Clinical application of ethical theory and ethico-legal decision making will be emphasized. Each of the Departments will provide profession-specific content for discussion and application with their students.

Grading System: ABCDF

AHS3620. Principles of Education

3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: None

Introduces basic principles of educational design with application to patient education, staff development, continuing education and clinical education.

Grading System: ABCDF

AHS3630. Principles of Management

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: None

This course introduces students to the field of management, focusing on basic principles and concepts applicable to all types of organizations. The course is structured as an applied study of the managerial functions of planning, organizing, leading, and controlling.

Grading System: ABCDF

AHS3640. Introduction To Statistics

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This course is designed to introduce the student to basic statistics. Knowledge of computer science will be reinforced by actual processing of statistical data.

Grading System: ABCDF

AHS3650. Introduction To Research Design 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This course is designed to introduce the student to the fundamentals of research design.

Grading System: ABCDF

AHS3660. The U.S . Health Care Delivery System 15 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This course will allow allied health professionals to develop an understanding of the organization and structure of the healthcare industry as a whole and the healthcare facilities comprising the industry. Healthcare delivery systems in the areas of ambulatory care, home health, and long-term care are rapidly increasing in addition to the increasing demand for allied health professionals. The healthcare delivery systems in the twenty-first century will be faced with increased regulations and standards, with focus on cost containment, accessibility, and quality.

Grading System: ABCDF

AHS3670. Elementary Healthcare Statistics 2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: None

Introduction to descriptive statistics and inferential statistical analysis techniques for health-care related data, including parametric and some non-parametric methods.

Grading System: ABCDF

AHS3680. Basic Research Methodology

3 lecture hrs | 1 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: None

Introduction to research methodology and scientific methods in a health-care related context. Students will plan and write a research proposal and will critique health-related research literature.

Grading System: ABCDF

AHS3690. Informatics for Health Care Professionals

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: None

This five-week WebCT course introduces students to the development and application of computer technology in the health care environment. It examines specific computer applications, evaluation and implementation of computerized systems, current industry trends, and use of the Internet in health care.

Grading System: ABCDF

AHS3703. Neuroanatomical Basis of Cognition and Emotion

2 lecture hrs | 2 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Admission into program

Introduction to functional neuroanatomy of the motor system, sensory, system, and higher association processes including emotion, cognition, attention, memory, language, visual spatial processing and praxis

Grading System: ABCDF

AHS4300. Professional Issues

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: Enrollment in an allied health science discipline or permission of instructor

Introduction to current critical issues impacting allied health science; the role of the allied health professional within the health care system and its relationship to other health care disciplines.

Grading System: Satisfactory/Unsatisfactory

AHS4451. Child Life Clinic

0 lecture hrs | 27 lab hrs | 0 clinical hrs | 14 credit hrs

Prerequisite: None

Child Life Clinic will expose students to the following: children's and families responses to experience in illness and hospitalization/ injury from birth through adolescence, stress and coping issues, therapeutic and medical play, activity planning/coordination/implementation, psychological preparation for health care experiences and associated coping processes, parental interactions, and children's understanding of illness/death.

Grading System: ABCDF

AHS4452. Child Life Clinic Intern

0 lecture hrs | 26 lab hrs | 0 clinical hrs | 13 credit hrs

Prerequisite: None

Child Life internship will provide students with the opportunity to be independent in a Child Life specialist role with an in-depth understanding and practice of the above mentioned skills. Documentation and advanced assessment skills will be utilized.

Grading System: ABCDF

AHS4453. Learning In Family Environments

lecture hrs | lab hrs | clinical hrs | 1 - 3 credit hrs

Prerequisite: None

This course will familiarize students with components and essentials of family centered care. Emphasis is placed on direct experiences with patients and families in various settings. Theories of development and family systems will be explored.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

No matching courses found.

[Return to Course Descriptions Home](#)

DHY3110. Dental Hygiene Theory and Practice I

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: None

Concepts, principles, and skills essential for rendering comprehensive oral health care. Emphasizes infection control, patient assessment, and preventive therapy.

Grading System: ABCF

DHY3120. Dental Anatomy

1 lecture hrs | 2 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Admission to the program

Primary and permanent dentitions, including root morphology, tooth function, anomalies, and comparative dental anatomy and their relationship to treatment.

Grading System: ABCDF

DHY3130. Clinic I

2 lecture hrs | 0 lab hrs | 10 clinical hrs | 5 credit hrs

Prerequisite: Acceptance into the dental hygiene program

Development of technical and judgemental skills necessary for delivering optimum patient care. Emphasizes on infection control, assessment, periodontal debridement, and professional development.

Grading System: ABCDF

DHY3200. Clinic II

1 lecture hrs | 2 lab hrs | 8 clinical hrs | 4 credit hrs

Prerequisite: DHY 3100 and DHY 3110

Opportunity to utilize knowledge and skills involved in the dental hygiene process of care.

Grading System: ABCF

DHY3210. Dental Hygiene Theory and Practice II

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: DHY 3100 and DHY 3110

Essentials needed to provide comprehensive dental hygiene care to a diverse population, emphasizing medically compromised patients, treatment modifications, and preventive therapy.

Grading System: ABCF

DHY3240. Dental Health and Wellness

2 lecture hrs | 1 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: Concurrent with DHY 3200 AND DHY 3210

Wellness and the hygienist's role in the promotion of health. Emphasis on various communication styles and techniques critical in treating, educating, and communicating with a diverse population.

Grading System: ABCDF

DHY3241. Dental Health and Wellness

28 lecture hrs | 7 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Concurrent with DHY 3200 and DHY 3210

Wellness and the hygienist's role in the promotion of health. Emphasis on various communication styles and techniques critical in treating, educating and communicating with diverse populations.

Grading System: ABCF

DHY4300. Patient Care I

0 lecture hrs | 1 lab hrs | 10 clinical hrs | 3 credit hrs

Prerequisite: DHY 3200 and DHY 3210

Opportunity to strengthen basic clinical skills in the treatment and prevention of oral disease.

Grading System: ABCF

DHY4310. Dental Hygiene Seminar I

2 lecture hrs | 1 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: DHY 3210

Patient and practice management, treatment planning, and techniques to treat and prevent oral disease.

Grading System: ABCF

DHY4320. Research Design and Critical Thinking

30 lecture hrs | 30 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: DHY 3241

Research methods and changing issues and trends in the dental hygiene profession.

Grading System: ABCDF

DHY4400. Patient Care II

0 lecture hrs | 2 lab hrs | 12 clinical hrs |
4 credit hrs

Prerequisite: DHY 4300 and DHY 4310

Opportunity to expand both knowledge and technique necessary in the treatment and prevention of oral disease.

Grading System: ABCF

DHY4410. Dental Hygiene Seminar II

1 lecture hrs | 1 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: DHY 4300 and DHY 4310

Aspects of patient and practice management, treatment planning, advanced assessment and providing optimum treatment within the scope of dental hygiene care.

Grading System: ABCF

DHY4411. Dental Hygiene Seminar II

2 lecture hrs | 1 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: DHY 4300 and DHY 4310

Aspects of patient and practice management, treatment planning, advanced assessment to provide optimum treatment within the scope of dental hygiene care.

Grading System: ABCF

DHY4420. Dental Materials

1 lecture hrs | 2 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: None

Scientific principles and manipulation of dental materials.

Grading System: ABCDF

DHY4440. Community Health

2 lecture hrs | 1 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: DHY 3240 and AHS 3660

History, philosophy and organization of public health and its relationship to dentistry.

Grading System: ABCF

DHY4441. Community Health

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: DHY 3241

History, philosophy and organization of public health and its relationship to dentistry.

Grading System: ABCDF

**DHY4450. Dental
Specialty Clinic 1**

0 lecture hrs | 0 lab hrs | 2 clinical hrs | 1 credit hrs

Prerequisite: DHY 4300 AND DHY 4310

Opportunity to observe, assist, and provide dental hygiene care for patients in various specialty clinics.

Grading System: Satisfactory/Unsatisfactory

DHY4500. Patient Care III

0 lecture hrs | 2 lab hrs | 12 clinical hrs | 4 credit hrs

Prerequisite: DHY 4400 and DHY 4410

Clinical experience and practical application of dental hygiene skills.

Grading System: ABCF

DHY4510. Dental Hygiene Seminar III

2 lecture hrs | 0 lab hrs | 0 clinical hrs |
2 credit hrs

Prerequisite: DHY 4410 and DHY 4400

Current clinical concepts and practice information related to dental hygiene patient care.

Grading System: ABCF

**DHY4530. Patient Care
IV**

0 lecture hrs | 0 lab hrs | 30 clinical hrs | 1 - 4 credit hrs

Prerequisite: Meets graduation requirements in all other required courses except DHY4500.

This course is individually designed for senior dental hygiene students who need remediation or extra patient care sessions to complete program graduation requirements. Credit hours (1-4) assigned will vary based on the student's clinical quality and quantity evaluation.

Grading System: Satisfactory/Unsatisfactory

DHY4540. Practice Administration

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit
hrs

Prerequisite: DHY 4400 AND DHY 4410

Business and operational aspects of dental practice with focus on ethical and legal issues.

Grading System: ABCDF

DHY4550. Dental Specialty Clinic II

0 lecture hrs | 0 lab hrs | 2 clinical hrs | 1 credit hrs

Prerequisite: DHY 4450

Expanded opportunities to observe, assist, and provide care to patients in various specialty clinics.

Grading System: Satisfactory/Unsatisfactory

DHY4560. Dental Hygiene Practicum

0 lecture hrs | 0 lab hrs | 60 clinical hrs | 2 credit hrs

Prerequisite: Permission of Department Chair

Students participate in a clinical externship in a dental private practice setting during the final semester of the dental hygiene program.

Grading System: ABCDF

DHY4610. Fundamentals of Dental Hygiene Education

2 lecture hrs | 2 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Permission of Department Chairman

Overview of the educational process including objectives, lesson plans, methodology, and evaluation.

Grading System: ABCDF

DHY4620. Clinical Dental Hygiene Education I

2 lecture hrs | 8 lab hrs | 0 clinical hrs | 6 credit hrs

Prerequisite: Permission of Department Chairman

Critical components of clinical dental hygiene instruction (task analysis, teaching modalities, and learning styles) are discussed, observed, and evaluated.

Grading System: ABCDF

DHY4630. Advanced Community Health

1 lecture hrs | 2 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Permission of Department Chairman

History, philosophy, and organization of public health with emphasis on epidemiology, sociological determinants, and dental relevance.

Grading System: ABCDF

DHY4640. Dental Literature Evaluation 1 lecture hrs | 2 lab hrs | 0 clinical hrs |
2 credit hrs

Prerequisite: Permission of Department Chairman

Introduction to scientific writing culminating in the preparation of a manuscript of publishable quality.

Grading System: ABCDF

DHY4710. Dental Hygiene Education: Principles and Practice 1 lecture hrs | 4 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: DHY 4610

Practical, supervised teaching experience in the classroom and/or laboratory.

Grading System: ABCDF

DHY4720. Clinical Dental Hygiene Education II 2 lecture hrs | 0 lab hrs | 8 clinical hrs | 6 credit hrs

Prerequisite: DHY 4620

Supervised dental hygiene education experiences with discussion and analysis of clinical instruction.

Grading System: ABCDF

DHY4750. Dental Hygiene Seminar: Current Concepts and Techniques 2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Permission of Department Chairman

Focuses on the current philosophies, techniques, and equipment impacting dental hygiene.

Grading System: ABCDF

DHY4900. Independent Study 1 lecture hrs | 6 lab hrs | 0 clinical hrs | 1 - 4 credit hrs

Prerequisite: Permission of Department Chairman

Opportunity to systematically investigate a topic of interest in dental hygiene or a related discipline.

Grading System: ABCDF

DHY4910. Studies in Patient Management

2 lecture hrs | 2 lab hrs | 4 clinical hrs | 4 credit hrs

Prerequisite: Permission of Department Chairman

In-depth review of current patient management recommendations and rationale for special-needs populations.

Grading System: ABCDF

DHY4930. Independent Study: Community Health

2 lecture hrs | 4 lab hrs | 0 clinical hrs | 1 - 4 credit hrs

Prerequisite: DHY 4630

Health delivery systems with emphasis on dental public health leadership and community education

Grading System: ABCDF

DHY4940. Clinical Dental Hygiene Practicum I

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 7 credit hrs

Prerequisite: Permission of Department Chair; Current licensure to Practice Dental Hygiene in the State of Georgia. (RDH)

In professional practice, registered dental hygienists encounter several patient management issues. This course will allow dental hygienists encounter several patient management issues. This course will allow dental hygienists to think more critically about these issues with documentation and presentation of advanced care plans. Clinicians will synthesize prior knowledge of the dental hygiene process of care to address issues such as patient education, prescribed care, and insurance-based care as they relate to advanced care plans. Learning activities will include case presentation of involved dental hygiene care plans.

Grading System: ABCDF

DHY4950. Clinical Dental Hygiene Practicum II

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 7 credit hrs

Prerequisite: RDH, DHY 4940 Clinical Dental Hygiene Practicum I

This course is designed for registered dental hygienists who have chosen the clinical practice tract and expands the opportunity to transfer basic science knowledge into the case presentation of advanced dental care plans for medically compromised patients who are treated in a general dentistry practice setting.

Grading System: ABCDF

DHY4960. Dental Specialty Practicum0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 - 7 credit hrs*Prerequisite: RDH*

Traditionally, registered dental hygienists are employed in general dentistry practice settings. This course is designed to allow exploration of the unique contributions dental hygienists make to the dental specialty areas. Specialty areas include, but are not limited to, Periodontics, Pediatric Dentistry, Orthodontics, Oral Surgery, Geriatric Dentistry, Hospital Dentistry, and Prosthodontics. Projects will include review of evidence-based Hospital Dentistry, and Prosthodontics. Projects will include review of evidence-based literature in the specialty area and portfolio evaluation of new knowledge attained.

Grading System: ABCDF

DHY4970. Dental Research Practicum0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 - 7 credit hrs*Prerequisite: RDH*

This course is designed for the registered dental hygienist who would like to pursue or has chosen a research career path. Decision-making, supported with sound evidence, provides the knowledge base for all dental hygiene actions. In this course, the dental hygienist will test assumptions underlying dental hygiene practice and investigate dental hygiene problems to improve oral healthcare and the practice of dental hygiene. Projects will include the comparison of the phases in the dental hygiene clinical process of care to the phases in the research process as well as participation and professional presentation of new and ongoing research studies.

Grading System: ABCDF

DHY4980. Dental Marketing Practicum0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 - 7 credit hrs*Prerequisite: RDH*

This course is designed for the registered dental hygienist who would like to pursue or has chosen a dental marketing career path. The student will complete the practicum under the guidance of a dental hygienist who is currently employed by an oral healthcare products marketing firm. Learners will use evidence-based reasoning to evaluate the safety and efficacy of dental products. Product reviews will be conducted to assess the safety and efficacy of new dental products.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

OBI3133. Nutrition

1 lecture hrs | 0 lab hrs | 0 clinical hrs |
1 credit hrs

Prerequisite: DHY 3130

Scientific basis of present nutrition recommendations for normal, healthy adults with application to dental patients.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

OMD4520. Oral Medicine Dental Hygiene

2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: DHY 3210 AND PHM 4430

Common systemic diseases, major complications of systemic disease, and their effect on the provision of oral health care.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

PATH4330. Pathology

6 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: DHY 3140 AND PER 3260

Principles and mechanisms of disease with emphasis on clinical aspects of oral disease.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

PER3260. Periodontics

1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: DHY 3120 AND DHY 3140

Periodontal anatomy, classifications of gingival and periodontal diseases, clinical assessment, and treatment of various periodontal conditions.

Grading System: ABCDF

PER4570. Periodontal Seminar

2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: PER 3260

Clinical examples of periodontal disease and conservative treatment discussions with reviews of current literature on various topics.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

PHM4430. Pharmacology 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: DHY 3130, DHY 3200, AND DHY 4300

Drugs used to treat diseases and disorders with emphasis on those used in dentistry.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

RADD3290. Dental Radiology

2 lecture hrs | 1 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Concurrent with DHY 3200 and DHY 3210

Introduces radiation physics, biology, and hygiene. Radiographic techniques, film processing, darkroom maintenance, error recognition, and basic interpretation are also presented.

Grading System: ABCDF

RADD4490. Radiology Technique I

0 lecture hrs | 2 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: RADD 3290

Experiences in basic dental intraoral radiographic technique, error recognition/correction, and interpretation.

Grading System: ABCDF

RADD4590. Radiology Technique II

0 lecture hrs | 0 lab hrs | 2 clinical hrs | 1 credit hrs

Prerequisite: RADD 4490

Advanced experiences in radiographic technique, error recognition/correction, and interpretation.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

DMS3610. Sonologic Instrumentation1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: Concurrent enrollment in DMS 3641 or permission of Instructor/Program Director.

Course emphasizes utilization and understanding of sonographic equipment and controls through problem-based learning. Students apply basic physical principles of ultrasound to pathologies presented in case format.

Grading System: ABCDF

DMS3611. Sonologic Application 1: Abd/OB/Gyn3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Concurrent enrollment in RSC 4602, DMS 3641, or permission of Instructor/Program Director.

Course introduces students to sonographic scanning in areas of abdomen, obstetrics, gynecology, male pelvis, small parts, extra-cranial structures, and intracranial structures. Emphasizes normal imaging anatomy, scanning protocols, and image orientation. Students learn Doppler ultrasound application for arterial and venous systems of above areas.

Grading System: ABCDF

DMS3614. Sonologic Application II: Abd/OB/Gyn5 lecture hrs | 0 lab hrs |
0 clinical hrs | 5 credit hrs

Prerequisite: DMS 3611 or permission of Instructor/Program Director.

(PART II OF 3 PART COURSE) Course focuses on pathologic changes occurring in anatomical areas covered in Part I. Emphasis is placed on all ultrasound imaging modes and their role in pathology recognition.

Grading System: ABCDF

DMS3615. Sonologic Applications III4 lecture hrs | 0 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: DMS3611, DMS3612, or permission of Instructor/Program Director.

(PART III OF 3 PART COURSE) Course emphasizes advanced techniques and invasive procedures in learning subjects studied in Parts I and II. Successful completion of course requires passing grade on program exit examination.

Grading System: ABCDF

DMS3641. Clinical Internship I0 lecture hrs | 0 lab hrs | 24 clinical
hrs | 4 credit hrs

Prerequisite: Concurrent enrollment in DMS 3610, RSC 3611, RSC 4602, DMS 3611, or permission of Program Director.

Students participate in various clinical learning areas. Course introduces clinical applications of dynamic real-time and Doppler imaging. Students learn scanning expertise through supervised active participation in clinical environment. Proof of clinical competence and special clinical projects complete course.

Grading System: ABCDF

DMS3642. Clinical Internship II0 lecture hrs | 0 lab hrs | 24 clinical
hrs | 4 credit hrs

Prerequisite: DMS 3641 or permission of Program Director

Students participate in various clinical learning areas. Students continue to develop scanning expertise through supervised active participation in clinical environment. Proof of clinical competence and special clinical projects complete course.

Grading System: ABCDF

DMS3643. Clinical Internship III0 lecture hrs | 0 lab hrs | 24 clinical
hrs | 4 credit hrs

Prerequisite: DMS 3641, DMS 3642, or permission of Program Director.

Students participate in various clinical learning areas. Students continue to develop scanning expertise through supervised active participation in clinical environment. Proof of clinical competence and special clinical projects complete course.

Grading System: ABCDF

DMS4623. Independent Study1 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: Senior status in DMS program or permission of Program Director.

Course allows students to explore topics of interest in diagnostic medical sonography through completion of project.

Grading System: ABCDF

DMS4625. Introduction to Vascular Sonography3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: Senior status in DMS program or permission of Program Director.

Course introduces normal vascular anatomy with procedural protocols as well as focusing on pathological processes associated with vascular sonography.

Grading System: ABCDF

DMS4627. Sonologic Application of Echocardiography I 3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Senior status in DMS program or permission of Program Director.

Course introduces normal pediatric and adult cardiac anatomy and imaging techniques including two-dimensional, M-mode, and cardiac Doppler.

Grading System: ABCDF

DMS4629. Pediatric Echocardiography 2 lecture hrs | 0 lab hrs | 0 clinical hrs |
2 credit hrs

Prerequisite: Completion of Senior Fall semester courses or permission of Program Director.

Course focuses on congenital and acquired cardiovascular pathologies present in pediatric patient.

Grading System: ABCDF

DMS4631. Sonologic Application of Echocardiography II 5 lecture hrs | 0 lab hrs |
0 clinical hrs | 5 credit hrs

Prerequisite: Completion of Senior Fall and Spring semester courses or permission of Program Director.

Course focuses on cardiovascular pathologies associated with the adult patient.

Grading System: ABCDF

DMS4633. Cardiac Evaluation Methods 2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: Completion of Senior Fall and Spring semester courses or permission of Program Director.

Course correlates diagnostic information obtained from echocardiography with other methods of cardiac evaluations.

Grading System: ABCDF

DMS4635. Sonologic Application of Echocardiography III 4 lecture hrs | 0 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: Completion of Senior Fall and Spring semester courses or permission of Program Director.

Course focuses on advanced echocardiographic techniques such as pharmacologic, exercise, contrast, transesophageal, and three-dimensional echocardiography., Successful completion of course requires passing grade on program exit examination.

Grading System: ABCDF

DMS4637. Sonographic Seminar

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Completion of Senior Fall and Spring semester courses or permission of Program Director.

Course combines physician and sonographer advanced echocardiography content lectures with preparation and presentation of digital imaging project.

Grading System: ABCDF

DMS4641. Clinical Internship IV

0 lecture hrs | 0 lab hrs | 24 clinical
hrs | 4 credit hrs

Prerequisite: DMS 3641, DMS 3642, DMS 3643 or permission of Program Director.

Students participate in various clinical learning areas. Course introduces clinical applications of dynamic real-time and Doppler imaging in cardiac and vascular technologies. Students learn scanning expertise through supervised active participation in clinical environment. Proof of clinical competence and special clinical projects complete course.

Grading System: ABCDF

DMS4641C. Clinical Internship Iv

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 4 credit hrs

Prerequisite: DMS 3641, DMS 3642, DMS 3643 or permission of Program Director.

Students participate in various clinical learning areas. Course introduces clinical applications of dynamic real-time and Doppler imaging in cardiac and vascular technologies. Students learn scanning expertise through supervised active participation in clinical environment. Proof of clinical competence and special clinical projects complete course.

Grading System: ABCDF

DMS4642. Clinical Internship V

0 lecture hrs | 0 lab hrs | 24 clinical
hrs | 4 credit hrs

Prerequisite: DMS 4641 or permission from Program Director.

Students participate in various clinical learning areas. Students continue to learn scanning expertise through supervised active participation in clinical environment. Proof of clinical competence and special clinical projects complete course.

Grading System: ABCDF

DMS4643. Clinical Internship VI

0 lecture hrs | 0 lab hrs | 24 clinical
hrs | 4 credit hrs

Prerequisite: DMS 4641, DMS 4642 or permission of Program Director.

Students participate in a variety of clinical learning areas. Students continue to develop scanning abilities through supervised active participation in clinical environment. Proof of clinical competence and special clinical projects complete course.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

HIM3000. Legal Aspects and Ethics3 lecture hrs | 0 lab hrs | 0 clinical hrs |
1 credit hrs*Prerequisite:*

The purpose of this course is to provide the student with a broad understanding of the law and its administration and to apply this understanding to relevant questions of policy and procedure development for documentation requirements in a health care setting.

Grading System: ABCDF

HIM3001. Quality in Healthcare3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs*Prerequisite: Acceptance into post-baccalaureate certificate program*

This course introduces the health information management student to quality management. Quality management includes continuous quality improvement, utilization and risk management, outcomes management and credentialing activities. This course also familiarizes the student with the quality issues, compliance issues, and agencies in alternative health care settings.

Grading System: ABCDF

HIM3002. Computer Fundamentals3 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: Acceptance into post-baccalaureate certificate program or current MCG student other allied health science discipline*

This course is designed to provide students with an understanding of computer hardware and software, the Internet, and the uses of computers in health care.

Grading System: ABCDF

HIM3003. Introduction to Health Information Systems3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs*Prerequisite: HIM 3002*

This course is designed to provide students with an introduction to database design and health information systems. An introduction to security issues regarding information systems is also included.

Grading System: ABCDF

HIM3004. Systems Analysis and Design3 lecture hrs | 0 lab hrs | 0 clinical hrs |
1 credit hrs

Prerequisite: HIM 3003 and HIM 3002

This course is designed to introduce students to systems analysis and design concepts. Students will study principles of project management, as well as system planning, analysis, and design functions.

Grading System: ABCDF

HIM3005. Health Information Administration Practicum

3 lecture hrs | 0 lab hrs |
4 clinical hrs | 2 credit hrs

Prerequisite: All prior courses in the HIA post-baccalaureate program

This course integrates didactic and workplace experience to create a structured environment which allows the student to gain practical experience in health information management.

Grading System: ABCDF

HIM3006. Office Administration in Health Information Management.

3 lecture hrs | lab hrs |
clinical hrs | 1 credit hrs

Prerequisite: Bachelor of Science, Buisness

A five-week course that introduces the business administration student/graduate to the office administration within a health information management department. The course examines space planning, office environment, ergonomics, productivity analysis, standards development, manpower planning, and incentive pay plans.

Grading System: ABCDF

HIM3007. CPT/HCPCS Coding and Reimbursement Essentials

1 lecture hrs | 1 lab hrs |
clinical hrs | 1 credit hrs

*Prerequisite: HIM3312 Medical Terminology, *HIM3314 Pathophysiology and Essentials of Pharmacology, *HIM3415 Health Data classifications and Coding Systems (*may take concurrently)*

Students will be instructed in CPT/HCPCS coding. Students will learn the fundamentals of reimbursement processes as they relate to coding, documentation, and regulations set forth by various federal agencies and managed care organizations.

Grading System: ABCDF

HIM3101. Management Principles

3 lecture hrs | 2 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: Admission to the Program

Applied study of the managerial functions of planning, organizing, leading and controlling. Students work through specific issues related to operational and strategic planning, organizational structures and relationships, motivation, leadership theories and application, as well as fiscal and non-fiscal control processes, work standards, work measurement, and productivity. Special attention is given to the concept of systems management and techniques of systems analysis. Includes office ergonomics, information management, and equipment procurement.

Grading System: ABCDF

HIM3102. Human Resource Management

3 lecture hrs | 2 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: HIM 3101

A comprehensive human resource management course which develops student understanding of the employer-employee relationship. Includes the major human resource management functions. Topics include job analysis, job descriptions, employee recruitment, selection, and training, salary administration, performance appraisals, and collective bargaining

Grading System: ABCDF

HIM3103. Managerial Practicum

0 lecture hrs | 4 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: HIM 3101, HIM 3208

Students work in a designated health record department to complete assigned management projects related to the basic functions of a health record department.

Grading System: ABCDF

HIM3206. Introduction to Health Information Management

2 lecture hrs | 2 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the Program

Principles of gathering, manipulating, classifying, storing, and retrieving health data.

Grading System: ABCDF

HIM3207. Healthcare Statistics and Data Management

2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs

Prerequisite: Admission to the Program

Methods utilized to transform health data into information. Fundamental procedures in collecting, summarizing, analyzing, presenting, and interpreting data . Includes acceptable terminology, definitions and formulas necessary to compute common health care statistical reports.

Grading System: ABCDF

HIM3208. Record Processing Practicum

0 lecture hrs | 4 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Admission to the Program

Provides a structured environment in which students gain practical experience in designated health record departments. Supports technical and conceptual skill development by providing the students the opportunity to observe and perform various functions common to most health record departments.

Grading System: Satisfactory/Unsatisfactory

HIM3312. Medical Terminology

2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs

Prerequisite: Anatomy and Physiology

Introduction to the language used in health care. Emphasis on word components (combining forms, prefixes, and suffixes), pronunciation, and writing exercises.

Grading System: ABCDF

HIM3314. Pathophysiology and Essentials of Pharmacology

4 lecture hrs | 2 lab hrs |
0 clinical hrs | 5 credit hrs

Prerequisite: HIM 3312.

Course presents disease processes in the human body, diagnostic techniques, and treatment methods. Basic principles of pharmacology drug classifications, and commonly used drugs are introduced.

Grading System: ABCDF

HIM3415. Health Data Classifications and Coding Systems

2 lecture hrs | 2 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: HIM 3312

Students will be instructed in ICD-9-CM diagnostic and procedural coding and introduced to ICD-10-CM and ICD-10-PCS coding classifications. Students will learn coding fundamentals and apply coding skills using case studies and encoders. Ethical coding principles will be emphasized.

Grading System: ABCDF

HIM3516. Computer Fundamentals in Health Care

3 lecture hrs | 2 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: Admission to the Program

Introduces students to computer concepts of hardware, software, the Internet, and uses of computers in health care. Students will demonstrate proficiency in use of word processing, spreadsheet, and graphics application software and the Internet through lab exercises and assignments.

Grading System: ABCDF

HIM3517. Introduction To Database Design and Health Information

3 lecture hrs | 2 lab hrs | 0 clinical
hrs | 4 credit hrs

Prerequisite: HIM 3516

Introduces databases and allows students to demonstrate proficiency through "hands-on" database design. Provides an introduction to health information systems and healthcare technology with discussion of current applications and trends in health care.

Grading System: ABCDF

HIM4104. Budget and Finance

3 lecture hrs | 0 lab hrs | 0 clinical hrs |
3 credit hrs

Prerequisite: Principles of Accounting I.

Basic hospital financial principles and tools. Fundamentals of hospital financial decision-making and the budgeting process.

Grading System: ABCDF

HIM4105. Management Capstone

0 lecture hrs | 4 lab hrs |
0 clinical hrs | 2 credit hrs

Prerequisite: HIM 3101, HIM 3102

This applications course guides students through independent and group activities designed to the management skills developed in the prerequisite courses. Special emphasis is placed on leadership skills and creative problem solving in a health care setting.

Grading System: ABCDF

HIM4209. Legal Aspects and Ethics

2 lecture hrs | 0 lab hrs | 0 clinical hrs |
2 credit hrs

Prerequisite: HIM 3206

Overview of the law and its administration as it applies to questions of policy and procedure development for health data requirements in a health care setting. Includes basic ethical principles and situations of ethical dilemma, and ethical decision-making processes.

Grading System: ABCDF

HIM4210. Quality Management

2 lecture hrs | 2 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: HIM 3206, HIM 3207, HIM 3314, HIM 3415, HIM 4209 (co-requisite).

Introduces concepts in quality management. Areas discussed include total quality management, continuous quality improvement, utilization and risk management, accrediting functions, outcomes and disease management.

Grading System: ABCDF

HIM4211. Health Care Delivery Systems

3 lecture hrs | 2 lab hrs | 0 clinical hrs |
2 credit hrs

Prerequisite: Health Data Content, Health Data Transformation, Legal Aspects and Ethics

Designed to familiarize the student with various nontraditional health care settings in order to develop the knowledge and skills necessary for assisting in the development and evaluation of health information practice in those settings.

Grading System: ABCDF

HIM4416. Procedural Coding and Principles of Reimbursement

2 lecture hrs | 2 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: HIM 3312, HIM 3314, HIM 3415.

Students will be instructed in CPT/HCPCS coding. Student will learn the intricacies of the reimbursement process as they relate to coding, documentation, and regulations set forth by various federal agencies and managed care organizations.

Grading System: ABCDF

HIM4518. Advanced Database Design and Systems

3 lecture hrs | 2 lab hrs | 0 clinical hrs | 4 credit hrs

Prerequisite: HIM 3517

Emphasizes health care systems analysis and design principles through use of lecture, case studies, and projects. System evaluation, selection, and security are also emphasized.

Grading System: ABCDF

HIM4519. Systems Design and Implementation

1 lecture hrs | 4 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: HIM 4518

A project-based course demonstrating student proficiency in systems design and implementation principles. Students design and develop a health information system using database application software. Project management, database management, and team-building skills are emphasized and demonstrated.

Grading System: ABCDF

HIM4621. Research Design Methodology

1 lecture hrs | 4 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Senior Status, HIM 4620.

Demonstration of principles of research using a management or clinical study. Statistical analysis of data is employed and microcomputers are used for data analysis and/or word processing.

Grading System: ABCDF

HIM4622. Statistics and Research Methodology

2 lecture hrs | 2 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: None

This course provides an introduction to research methodology and principles including basic methods of statistical analysis. Topics include descriptive and inferential statistics, epidemiology, research designs, and reliability and validity of measurement. Students will perform statistical analysis and display of data and results, including use of a microcomputer software package, and will critically evaluate published reports of clinical and epidemiological studies.

Grading System: ABCDF

**HIM4722. Administrative
Practicum**

0 lecture hrs | 40 lab hrs | 0 clinical hrs | 9 credit hrs

Prerequisite: All the professional courses in the HIM curriculum.

A six-week administrative affiliation in selected hospitals. Students, in addition to "shadowing" the department director, are actively involved in projects which use the skills which they have developed through the curriculum.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

MPT7101. Seminar in Physical Therapy 1

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: Admission into the MPT program.

A graduate student colloquium to provide an opportunity for the discussion of current professional literature and issues in physical therapy. Specifically, the first seminar will explore the interpersonal skills and characteristics of a successful professional.

Grading System: Satisfactory/Unsatisfactory

MPT7120. Foundations of Physical Therapy5 lecture hrs | 4 lab hrs |
0 clinical hrs | 7 credit hrs*Prerequisite: Admission into the MPT program.*

Students will describe and appraise normal human motion to provide a framework for assessing abnormal motion. Current and relevant issues in physical therapy will be examined. Basic elements of physical therapy management including examination, evaluation, and diagnosis will be discussed and integrated into patient cases.

Grading System: ABF

MPT7121. Musculoskeletal 12 lecture hrs | 2 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Admission into the MPT program.*

Musculoskeletal I is designed to provide students with the knowledge and skills for the Physical Therapy management of patients with musculoskeletal dysfunction. Students will integrate concepts learned concurrently in MS 1 and Foundations of Physical Therapy with existing knowledge of physiology and anatomy to formulate strategies for the assessment, evaluation and diagnosis of musculoskeletal patients. Course content will be presented in a modified problem/case based format and will include small group study, interactive labs, resource and lecture sessions.

Grading System: ABF

MPT7202. Seminar in Physical Therapy 2

1 lecture hrs | 0 lab hrs | 1 clinical hrs | 1 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

This seminar is designed to increase the student's awareness of interactions with colleagues and clients in the health care system. As a result of this course, the student will become more aware of their patterns of communication as well as having the opportunity to practice effective interaction skills.

Grading System: Satisfactory/Unsatisfactory

MPT7222. Musculoskeletal 22 lecture hrs | 2 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

Musculoskeletal 2 is designed to provide students with the knowledge and skills to provide appropriate intervention based on the examination, evaluation, diagnosis and prognosis of patients with musculoskeletal dysfunction. Students will determine expected outcomes and progress intervention plan based on patients performance and healing constraints. Course content will be presented in a modified problem/case based format and will include small group study , interactive labs, resource and lecture sessions.

Grading System: ABF

MPT7230. Integration of Practice: Cardiopulmonary1 lecture hrs | 6 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

The student will gain knowledge and skills necessary to effectively manage individual with persons with cardiac and pulmonary dysfunction. They will also learn to address the effects of aging on physical therapy intervention. Additionally, they will develop and enhance communication and educational design skills.

Grading System: ABF

MPT7231. Integration of Practice: Medical Conditions I2 lecture hrs | 8 lab hrs | 0 clinical
hrs | 6 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

Through simulated patient problems, case studies and active participation the student will gain knowledge and skills necessary to effectively evaluate and intervene with persons with immune system dysfunction, integumentary system dysfunction, diabetes, peripheral vascular disease, and infectious disease. Students will further develop communication and educational design skills. They will increase their knowledge of legal issues, diversity issues, negotiation and conflict resolution. The normal aging process is studied system by system as well as physical therapy intervention for the frail elderly.

Grading System: ABF

MPT7303. Seminar in Physical Therapy 3

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

Physical Therapists provide healthcare in an increasingly complex environment and are frequently faced with ethical and legal dilemmas. This seminar is intended to introduce the PT student to the ethical principles, laws and rules which regulate and guide the practice of physical therapy nationally and in Georgia. These guidelines will then be applied to situations frequently encountered in the clinical setting through the use of case studies.

Grading System: Satisfactory/Unsatisfactory

MPT7323. Integration for Practice: Musculoskeletal 3 45 lecture hrs | 12 lab hrs | 0 clinical hrs | 6 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

Musculoskeletal 3 is designed to provide students with the knowledge and skills to apply and integrate the general concepts of comprehensive patient management for individuals with musculoskeletal dysfunction. Evidence based concepts relevant to specific joints, soft tissue and body regions will be discussed. Course content will be presented in a modified problem/case based format and will include small group study, interactive labs, resource and lecture sessions.

Grading System: ABF

MPT7390. Clinical Experience 1 0 lecture hrs | 0 lab hrs | 40 clinical hrs | 6 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

This is a 6-week full time clinical experience focusing on the care of patients with orthopedic problems. Students are assigned to inpatient acute care, inpatient rehabilitation or outpatient clinical facilities. Under the direct supervision of a physical therapist, students use the knowledge and skills gained in didactic coursework to examine, evaluate, diagnose, develop a prognosis and expected outcomes and intervention plan, and implement that plan for patients with orthopedic dysfunction. Students document their work using proper format, research information about problems with which they are unfamiliar, and perform other duties pertinent to functioning as a member of the health care team.

Grading System: Satisfactory/Unsatisfactory

MPT8133. Integration for Practice: Medical Conditions 2 3 lecture hrs | 6 lab hrs | 0 clinical hrs | 6 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

The study of the pathological, medical, therapeutic and communication concepts relevant to patients with complex medical and surgical problems. Special emphasis is placed on the patient with multiple medical problems in the critical care unit, patients following burns and amputations, and patients with obstetrical and gynecological disorders.

Grading System: ABF

MPT8170. Research I 2 lecture hrs | 2 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

The two course sequence is designed to introduce the students to the process of research: literature search, research design, applied statistics, data collection, and critique of the literature and research articles.

Grading System: Satisfactory/Unsatisfactory

MPT8240. Integration for Practice: Neuromuscular 1 lecture hrs | 10 lab hrs |
0 clinical hrs | 7 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

The course addresses the physical therapy management of individuals with neurologic dysfunction. With an emphasis on the relationship the rehabilitation process to contemporary theories of motor control. Learning will occur in reference to a series of case problems that cover the following pathologic categories: cerebrovascular accidents, neuromuscular disorders, injury to the central nervous system, degenerative diseases, and inflammatory and infectious disorders of the nervous system.

Grading System: ABF

MPT8291. Clinical Experience II 0 lecture hrs | 0 lab hrs | 40 clinical hrs | 8 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

This is an 8-week full time clinical experience focusing on the care of patients with neurological or complex medical problems. Students are assigned to inpatient acute care, inpatient rehabilitation, skilled nursing or outpatient clinical facilities. Under the direct supervision of a physical therapist, students use the knowledge and skills gained in didactic course work to examine, evaluate, diagnose, develop a prognosis and expected outcomes and intervention plan, and implement that plan for patients with neurological dysfunction or complex medical problems. Students document their work using proper format, research information about problems with which they are unfamiliar, and perform other duties pertinent to functioning as a member of the health care team.

Grading System: Satisfactory/Unsatisfactory

MPT8304. Seminar in Physical Therapy 4

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

This course is a graduate student colloquium which further refines the students' ability to search and retrieve information related to health care from the professional literature. The course provides the opportunity for groups of students to research, present and facilitate a peer discussion on a current issue affecting the practice of physical therapy.

Grading System: Satisfactory/Unsatisfactory

MPT8341. Integration for Practice: Pediatrics

1 lecture hrs | 3 lab hrs | 0 clinical hrs | 4 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

Study of human development with emphasis on children under five. Designing assessments and interventions for children with neuromusculoskeletal disorders.

Grading System: ABF

MPT8372. Research II

0 lecture hrs | 6 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

The two courses are designed to introduce the students to the process of research: literature search, research design, applied statistics, data collection, and critique of the literature and research articles.

Grading System: Satisfactory/Unsatisfactory

MPT8373. Integration for Practice: Management

3 lecture hrs | 3 lab hrs | 0 clinical hrs | 6 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

Study and practice of management principles as they apply to physical therapy specifically and health care system in general.

Grading System: ABF

MPT8474. Elective

0 lecture hrs | 0 lab hrs | 40 clinical hrs |
2 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

The student will gain knowledge and skills in a physical therapy special interest area by individually defining personal learning objectives and developing learning activities to achieve those objectives. Self-assessment, expert opinion and / or peer assessment are utilized to evaluate outcomes of the experience. Study may be areas related to practice, administration, education or research.

Grading System: ABF

MPT8492. Clinical Experience 3

0 lecture hrs | 0 lab hrs | 40 clinical hrs | 12 credit hrs

Prerequisite: Successful completion of all previous MPT courses.

This is a 12-week full time clinical experience focusing on the care of patients with a wide variety of diagnoses. This experience may be scheduled either as 12 weeks in one facility with opportunity for participation in multiple patient care areas or as two 6 week periods in different facilities. The actual schedule and types of experiences will vary with the student's previous clinical experiences and areas of interest serving as a guide for selection. Under the direct supervision of a physical therapist, students use the knowledge and skills gained in didactic coursework to examine, evaluate, diagnose, develop a prognosis and expected outcomes and intervention plan, and implement that plan for patients with a wide variety of medical diagnoses. Students document their work using proper format, research information about problems with which they are unfamiliar, and perform other duties pertinent to functioning as a member of the health care team.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

MTCM4300. Professional Issues1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: Enrollment in an allied health science discipline or permission of instructor*

Introduction to current critical issues impacting allied health science; the role of the allied health professional within the health care system and its relationship to other health care disciplines.

Grading System: ABCDF

MTCM4320. Laboratory Management1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: Co-requisite MTCM 4380*

Provides an overview of management of human and financial resources and management of laboratory operations, and practice communication skills using a variety of methods, including the Internet. Provides background theory for Lab Management Project, MTC - 4380.

Grading System: ABCDF

MTCM4380. Laboratory Management Project0 lecture hrs | 0 lab hrs |
5 clinical hrs | 1 credit hrs*Prerequisite: Co-requisite MTCM 4320, Laboratory Management*

Provides an opportunity for students to apply management theory, management of human and financial resources and management of laboratory operations to a laboratory situation and practice communication skills using a variety of methods, including the Internet and a final written project.

Grading System: ABCDF

MTCM4400. Microbiology Review1 lecture hrs | 2 lab hrs | 0 clinical hrs |
2 credit hrs*Prerequisite: Microbiology*

Review of clinically significant microorganisms and techniques used in isolation and identification.

Grading System: ABCDF

MTCM4420. Clinical Microbiology II Lecture 3 lecture hrs | 0 lab hrs | 0 clinical hrs |
3 credit hrs*Prerequisite: Admission to the program*

Emphasis on microbial diseases, identification procedures, and epidemiological significance.

Grading System: ABCDF

MTCM4430. Clinical Microbiology II Laboratory 0 lecture hrs | 6 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the program.

Emphasis on procedures and techniques used to isolate and identify clinically important microorganisms.

Grading System: ABCDF

MTCM4480. Clinical Practice Microbiology 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: Successful completion of MTCM 4420 and MTCM 4430.

Practical application of clinical microbiology techniques including areas of quality assurance, safety practices, data interpretation, instrumentation, library research, professional behavior, and introduction to management practices.

Grading System: ABCDF

MTCM4485. Clinical Practice Microbiology 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: Successful completion of MTCC4420 and MTCC4430.

Practical application of clinical microbiology techniques including areas of quality assurance, safety practices, data interpretation, instrumentation, library research, professional behavior, and introduction to management practices.

Grading System: ABCDF

MTCM4500. Immunology Review 2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: MLT certification and/or Immunology course

Review of immunological concepts, procedures, and methods in the context of medical laboratory testing.

Grading System: ABCDF

MTCM4509. Introduction To Immunology 1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: Acceptance into program, without immunology prerequisite.

(Optional) Directed independent study course designed to provide students who do not have immunology prerequisite. Provide basic understanding of the structure and function of the human immune system. Areas of study include cells and organs of the immune system, cytokine functions, the humoral response, and cell-mediated immunity. Basic immunological testing techniques and principles are also covered.

Grading System: ABCDF

MTCM4580. Clinical Practice Immunology 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: MTCM 4500, Immunology Review

Clinical application and practice of immunological testing. Theory, instrumentation, quality control, work organization, and data interpretation will be presented in the context of actual patient sample testing observed and/or conducted by students under the direct supervision of qualified clinical instructors.

Grading System: ABCDF

MTCM4585. Clinical Practice Immunology 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: MTCM 4500

Clinical application and practice of immunological testing. Theory, instrumentation, quality control, work organization, and data interpretation will be presented in the context of actual patient sample testing observed and/or conducted by students under the direct supervision of qualified clinical instructors.

Grading System: ABCDF

MTCM4600. Laboratory Math and Quality Control 2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Co-requisite MTCM 4620

Practical application of laboratory mathematics and its application in reagent preparation, dilution, and calculating the concentration of analyte etc. Basic principles of quality control.

Grading System: ABCDF

MTCM4620. Clinical Chemistry II (lecture) 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Co-requisite MTCM 4600

Course provides theoretical knowledge of the principles of analytical techniques and procedures used in a clinical chemistry laboratory. Emphasizes biochemical aspects, clinical correlation and significance.

Grading System: ABCDF

MTCM4630. Clinical Chemistry II Lab

0 lecture hrs | 8 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Co-requisite MTCM 4620

Provides students with practical experience of various analytical techniques used in clinical chemistry laboratory, including major analytical techniques covered in spectrophotometric analysis of various analytes in blood. Students also prepare reagents, buffer solutions and standards for chemical analysis. Student will also perform electrophoretic and chromatographic techniques. Students will also learn point of care testing and cholesterol screening on patient samples.

Grading System: ABCDF

MTCM4680. Clinical Practice Chemistry

0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: Successful completion of MTCM 4620 and MTCM 4630

Provides students practical experience of working in the clinical chemistry laboratory under the supervision of a medical technologist: specimen processing, analysis and reporting of patient test results.

Grading System: ABCDF

MTCM4685. Clinical Practice Chemistry

0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: Successful completion of MTCM 4620 and MTCM 4630

Provides students practical experience of working in the clinical chemistry laboratory under the supervision of a medical technologist: specimen processing, analysis and reporting of patient test results.

Grading System: ABCDF

MTCM4740. Immunohematology

3 lecture hrs | 6 lab hrs | 0 clinical hrs | 6 credit hrs

Prerequisite: Immunology course

Application of basic immunological concepts to the study of red cell antigens and antibodies in relation to compatibility testing for transfusion of blood products. Includes discussions and laboratory exercises on Blood Bank organizations and regulations, genetic inheritance of blood groups, special techniques, AIHA, HDN, blood components, donors and blood collection, quality control, serological testing of blood products, and future trends in Blood Banking.

Grading System: ABCDF

MTCM4780. Clinical Practice Blood Bank 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: Completion of MTCM Immunoematology

Clinical course puts theory to continued practice performing tests on patient specimens and reporting results, completing cross matches, preparing components for issue, identifying multiple antibodies, processing blood components, and interviewing and drawing donors.

Grading System: ABCDF

MTCM4785. Clinical Practice Blood Bank 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: Completion of MTCM Immunoematology

Clinical course puts theory to continued practice performing tests on patient specimens and reporting results, completing cross matches, preparing components for issue, identifying multiple antibodies, processing blood components, and interviewing and drawing donors.

Grading System: ABCDF

MTCM4800. Basic Hematology and Fluid Analysis 1 lecture hrs | 3 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: None

Introductory lecture/lab experiences in hematology and fluid analysis. Correlation of hematologic and hemostasis tests with other clinical findings in diagnosing blood dyscrasias and hemostatic disorders with case study materials and laboratory experiences.

Grading System: ABCDF

MTCM4840. Advanced Hematology

4 lecture hrs | 6 lab hrs | 0 clinical
hrs | 6 credit hrs

Prerequisite: Co-requisite with MTCM 4800, Basic Hematology and Fluid Analysis or permission of instructor.

Discusses correlation of hematological and tests hemostasis with other clinical findings in diagnosing various blood dyscrasias and hemostatic disorders. Case study materials and laboratory experiences.

Grading System: ABCDF

MTCM4880. Clinical Practice Hematology

0 lecture hrs | 0 lab hrs | 10 clinical
hrs | 2 credit hrs

Prerequisite: MTCM 4800 and MTCM 4840 or permission of instructor

Practical application in techniques utilized in a clinical hematology, fluids, and hemostasis laboratory, also including quality assurance issues, problem solving skills, phlebotomy, and relative management issues.

Grading System: ABCDF

MTCM4885. Clinical Practice Hematology

0 lecture hrs | 0 lab hrs | 10 clinical
hrs | credit hrs

Prerequisite: MTCM 4800 and MTCM 4840 or permission of instructor

Practical application in techniques utilized in a clinical hematology, fluids, and hemostasis laboratory, also including quality assurance issues, problem solving skills, phlebotomy, and relative management issues.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

MTCC3180. Venipuncture0 lecture hrs | 0 lab hrs |
5 clinical hrs | 1 credit hrs*Prerequisite: None.*

Demonstration sessions covering safety and professionalism, venipuncture, capillary stick procedure, blood culture collection, isolation/ universal precautions, patient relations, pediatric patient, and blood donor policies/ procedure. Clinical experience in in-patient, out-patient, and donor areas.

Grading System: ABCDF

MTCC3200. Library Research1 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs*Prerequisite: Immunology course*

Introduces the student to the use of a medical library through preparation and oral presentation of immunological topics.

Grading System: ABCDF

MTCC3240. Basic Professional Concepts2 lecture hrs | 9 lab hrs |
0 clinical hrs | 5 credit hrs*Prerequisite: None*

Provides fundamental knowledge and technical skills necessary for student laboratory exercises and clinical experience. Lab exercises develop manual dexterity, integrate basic concepts of laboratory testing. Covers basic hematology, immunology, chemistry, immunohematology, and microbiology testing. Educational concepts and principles of management introduced. Venipuncture basics.

Grading System: ABCDF

MTCC3280. Junior Clinical Practice0 lecture hrs | 0 lab hrs | 5 clinical
hrs | 1 credit hrs*Prerequisite: Satisfactory completion of Junior courses Fall semester (C grade or better)*

Students gain experience in a clinical laboratory setting, apply theory and skills acquired during two semesters of the junior year in a work environment, create a daily journal and present a final report.

Grading System: ABCDF

MTCC3440. Clinical Microbiology I (Jr)

2 lecture hrs | 3 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Successful completion of MTCC 3240 and all Fall semester courses.

An introduction to the clinically relevant microorganisms through lecture and laboratory studies, written assignments, and library projects.

Grading System: ABCDF

MTCC3540. Immunology

3 lecture hrs | 3 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: MTCC 3240, Basic Professional Concepts.

Study of cells and organs of immune system, humoral response, and cell-mediated immunity as well as immuno pathologies of hypersensitivity, auto immunity. Application to transplantation and tumor immunology. Lab exercises emphasize antigen/antibody reactions to clinical diagnostic testing.

Grading System: ABCDF

MTCC3640. Clinical Chemistry I (Jr)

2 lecture hrs | 0 lab hrs | 0 clinical hrs |
2 credit hrs

Prerequisite: Students enrolled in the Medical Technology Program or with permission of the instructor.

Basic laboratory principles, chemical hygiene plan

Grading System: ABCDF

MTCC3840. Clinical Hematology Fluid Analysis

2 lecture hrs | 3 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: Admission into program or permission of instructor

Study of blood cell derivation, maturation, variation, physiology, and function with related laboratory experiences in hematology. Studies diagnostic value of urine and body fluids other than blood using basic chemical analysis and microscopic examination, with related laboratory exercises.

Grading System: ABCDF

MTCC4320. Laboratory Management

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: Co-requisite MTCC 4380

Provides an overview of management theory, management of human and financial resources and management of laboratory operations. Communication skills using a variety of methods, including the World Wide Web are practiced. Provides background theory for Laboratory Management Project Course.

Grading System: ABCDF

MTCC4380. Lab Management Project

0 lecture hrs | 0 lab hrs |
5 clinical hrs | 1 credit hrs

Prerequisite: Co-requisite MTCC 4320

Provides an opportunity for students to apply management theory, management of human and financial resources and management of laboratory operations to a laboratory situation and practice communication skills using a variety of methods, including the Internet, and a final written project.

Grading System: ABCDF

MTCC4420. Clinical Microbiology II Lecture 3 lecture hrs | 0 lab hrs | 0 clinical hrs |
3 credit hrs

Prerequisite: MTCC 3440

Emphasis on microbial diseases, identification procedures, and epidemiological significance.

Grading System: ABCDF

MTCC4430. Clinical Microbiology II Laboratory 0 lecture hrs | 6 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: Completion of MTCC3440.

Emphasis on procedures and techniques used to isolate and identify clinically important microorganisms.

Grading System: ABCDF

MTCC4480. Clinical Practice Microbiology 0 lecture hrs | 0 lab hrs | 10 clinical
hrs | 2 credit hrs

Prerequisite: Successful completion of MTCC4420 and MTCC4430.

Practical application of clinical microbiology techniques including areas of quality assurance, safety practices, data interpretation, instrumentation, library research, professional behavior, and introduction to management practices.

Grading System: ABCDF

MTCC4485. Clinical Practice Microbiology 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: Successful completion of MTCC4420 and MTCC4430.

Practical application of clinical microbiology techniques including areas of quality assurance, safety practices, data interpretation, instrumentation, library research, professional behavior, and introduction to management practices.

Grading System: ABCDF

MTCC4580. Senior Clinical Practice Immunology 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: MTCC 3540, Immunology

Clinical application and practice of immunological testing. Theory, instrumentation, quality control, work organization, and data interpretation will be presented in the context of actual patient sample testing observed and/or conducted by students under the direct supervision of qualified clinical instructors.

Grading System: ABCDF

MTCC4585. Clinical Practice Immunology 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: MTCC 3540, Immunology

Clinical application and practice of immunological testing. Theory, instrumentation, quality control, work organization, and data interpretation will be presented in the context of actual patient sample testing observed and/or conducted by students under the direct supervision of qualified clinical instructors.

Grading System: ABCDF

MTCC4620. Clinical Chemistry II (lecture) 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: MTCC 3640 or permission of instructor

Course provides theoretical knowledge of the principles of analytical techniques and procedures used in a clinical chemistry laboratory. Emphasizes biochemical aspects, clinical correlation and significance.

Grading System: ABCDF

MTCC4630. Clinical Chemistry II (lab) 0 lecture hrs | 8 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: MTCC 3640 with C or better grade or the permission of the instructor.

Provides students with practical experience of various analytical techniques used in clinical chemistry laboratory, including major analytical techniques covered in spectrophotometric analysis of various analytes in blood. Students also prepare reagents, buffer solutions and standards for chemical analysis. Student will also perform electrophoretic and chromatographic techniques. Students will also learn point of care testing and cholesterol screening on patient samples.

Grading System: ABCDF

MTCC4680. Clinical Practice Chemistry

0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: MTCC 4620 and MTCC 4630

Provides students practical experience of working in the clinical chemistry laboratory under the supervision of a medical technologist: specimen processing, analysis and reporting of patient test results.

Grading System: ABCDF

MTCC4685. Clinical Practice Chemistry

0 lecture hrs | 0 lab hrs | 10 clinical hrs | credit hrs

Prerequisite: MTCC 4620 and MTCC 4630

Provides students practical experience of working in the clinical chemistry laboratory under the supervision of a medical technologist: specimen processing, analysis and reporting of patient test results

Grading System: ABCDF

MTCC4740. Immunohematology

3 lecture hrs | 6 lab hrs | 0 clinical hrs | 6 credit hrs

Prerequisite: Immunology course

Application of basic immunological concepts to the study of red cell antigens and antibodies in relation to compatibility testing for transfusion of blood products. Include discussions and laboratory exercises on Blood Bank organizations and regulations, genetic inheritance of blood groups, special techniques, AIHA, HDN, blood components, donors and blood collection, quality control, serological testing of blood products, and future trends in Blood Banking.

Grading System: ABCDF

MTCC4780. Clinical Practice Blood Bank 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: Completion of MTCC Immunohematology

Clinical course puts theory to continued practice performing tests on patient specimens and reporting results, completing cross matches, preparing components for issue, identifying multiple antibodies, processing blood components, and interviewing and drawing donors.

Grading System: ABCDF

MTCC4785. Clinical Practice Blood Bank 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: Completion of MTCC Immunohematology

Clinical course puts theory to continued practice performing tests on patient specimens and reporting results, completing cross matches, preparing components for issue, identifying multiple antibodies, processing blood components, and interviewing and drawing donors.

Grading System: ABCDF

MTCC4840. Advanced Hematology 4 lecture hrs | 6 lab hrs | 0 clinical hrs | 6 credit hrs

Prerequisite: Biochemistry, MTCC 3840 Clinical Hematology and Fluid Analysis, or permission of instructor

Correlation of hematological and tests hemostasis with other clinical findings in the diagnosis of various blood dyscrasias and hemostatic disorders are discussed and emphasized with case study materials and laboratory experiences.

Grading System: ABCDF

MTCC4880. Clinical Practice Hematology 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: MTCC 4840 or permission of instructor.

Practical application in techniques utilized in a clinical hematology, fluids, and hemostasis laboratory, also including quality assurance issues, problem solving skills, phlebotomy, and relative management issues.

Grading System: ABCDF

MTCC4885. Clinical Practice Hematology

0 lecture hrs | 0 lab hrs | 10 clinical
hrs | 2 credit hrs

Prerequisite: MTCC 4840 or permission of instructor.

Practical application in techniques utilized in a clinical hematology, fluids, and hemostasis laboratory, also including quality assurance issues, problem solving skills, phlebotomy, and relative management issues.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

MTCP4185. Venipuncture0 lecture hrs | 0 lab hrs |
5 clinical hrs | 1 credit hrs*Prerequisite: Acceptance into 4+1 program*

Demonstration sessions covering safety and professionalism, venipuncture, capillary stick, blood culture collection, isolation/ universal precautions, patient relations, pediatric patient, and blood donor policies/ procedure. Clinical experience in in-patient, out-patient and blood donor areas.

Grading System: ABCDF

MTCP4320. Laboratory Management1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: Co-requisite MTCP 4380*

Provides an overview of management theory, management of human and financial resources and management of laboratory operations, and practice communication skills using a variety of methods, including the Internet. Provides background theory for Lab Management Project, MTC - 4380.

Grading System: ABCDF

MTCP4380. Lab Management Project0 lecture hrs | 0 lab hrs |
5 clinical hrs | 1 credit hrs*Prerequisite: Co-requisite MTCP 4320*

Provides an opportunity for students to apply management theory, management of human and financial resources and management of laboratory operations to a laboratory situation and practice communication skills using a variety of methods, including the Internet, and a final written project.

Grading System: ABCDF

MTCP4400. Microbiology Review1 lecture hrs | 2 lab hrs | 0 clinical hrs |
2 credit hrs*Prerequisite: Microbiology*

Review of clinically significant microorganisms and techniques used in isolation and identification.

Grading System: ABCDF

MTCP4420. Clinical Microbiology II Lecture 3 lecture hrs | 0 lab hrs | 0 clinical hrs |
3 credit hrs

Prerequisite: Admission to program.

Emphasis on microbial diseases, identification procedures, and epidemiological significance.

Grading System: ABCDF

MTCP4430. Clinical Microbiology II Laboratory 0 lecture hrs | 6 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the program.

Emphasis on procedures and techniques used to isolate and identify clinically important microorganisms.

Grading System: ABCDF

MTCP4480. Clinical Practice Microbiology 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: Successful completion of MTCP 4420 and MTCP 4430.

Practical application of clinical microbiology techniques including areas of quality assurance, safety practices, data interpretation, instrumentation, library research, professional behavior, and introduction to management practices.

Grading System: ABCDF

MTCP4485. Clinical Practice Microbiology 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: successful completion of MTCP 4420 and MTCP 4430

Practical application of clinical microbiology techniques including areas of quality assurance, safety practices, data interpretation, instrumentation, library research, professional behavior, and introduction to management practices.

Grading System: ABCDF

MTCP4500. Immunology Review 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: MLT certification and/or Immunology course

Review of immunological concepts, procedures, and methods in the context of medical laboratory testing.

Grading System: ABCDF

MTCP4509. Introduction To Immunology1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: Acceptance into 4+1 program, without immunology prerequisite.*

(Optional) Directed independent study course designed to provide students who do not have immunology prerequisite. Provide basic understanding of the structure and function of the human immune system. Areas of study include cells and organs of the immune system, cytokine functions, the humoral response, and cell-mediated immunity. Basic immunological testing techniques and principles are also covered.

Grading System: ABCDF

MTCP4580. Clinical Practice Immunology0 lecture hrs | 0 lab hrs | 10 clinical
hrs | 2 credit hrs*Prerequisite: MTCP 4509, Introduction to Immunology or satisfactory completion of course in Immunology at another college or university and MTC4500, Immunology Review*

Clinical application and practice of immunological testing. Theory, instrumentation, quality control, work organization, and data interpretation will be presented in the context of actual patient sample testing observed and/or conducted by students under the direct supervision of qualified clinical instructors.

Grading System: ABCDF

MTCP4585. Clinical Practice Immunology0 lecture hrs | 0 lab hrs | 10 clinical
hrs | 2 credit hrs*Prerequisite: Immunology course, MTCP 4500*

Clinical application and practice of immunological testing. Theory, instrumentation, quality control, work organization, and data interpretation will be presented in the context of actual patient sample testing observed and/or conducted by students under the direct supervision of qualified clinical instructors.

Grading System: ABCDF

MTCP4600. Laboratory Math and Quality Control2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: Students enrolled in the Medical Technology Program or with permission of the instructor.*

Practical application of laboratory mathematics and its application in reagent preparation, dilution, and calculating the concentration of analyte etc. Basic principles of quality control.

Grading System: ABCDF

MTCP4620. Clinical Chemistry II (lecture) 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: MTCP 4600 or permission of the instructor

Course provides theoretical knowledge of the principles of analytical techniques and procedures used in a clinical chemistry laboratory. Course also emphasizes biochemical aspects

Grading System: ABCDF

MTCP4630. Clinical Chemistry II Lab 0 lecture hrs | 8 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Co-requisite MTCP 4620

Provides students with practical experience of various analytical techniques used in clinical chemistry laboratory, including major analytical techniques covered in spectrophotometric analysis of various analyte in blood. Students also prepare reagents, buffer solutions and standards for chemical analysis. Student will also perform electrophoretic and chromatographic techniques. Students will also learn point of care testing and cholesterol screening on patient samples.

Grading System: ABCDF

MTCP4680. Clinical Practice Chemistry 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: MTCP 4620 and MTCP 4680

Provides students practical experience of working in the clinical chemistry laboratory under the supervision of a medical technologist: specimen processing, analysis and reporting of patient test results

Grading System: ABCDF

MTCP4685. Clinical Practice Chemistry 1 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: MTCP 4620 and MTCP 4680

Provides students practical experience of working in the clinical chemistry laboratory under the supervision of a medical technologist: specimen processing, analysis and reporting of patient test results

Grading System: ABCDF

MTCP4740. Immunohematology3 lecture hrs | 6 lab
hrs | 0 clinical hrs |
6 credit hrs*Prerequisite: Immunology course*

Application of basic immunological concepts to the study of red cell antigens and antibodies in relation to compatibility testing for transfusion of blood products. Includes discussions and laboratory exercises on Blood Bank organizations and regulations, genetic inheritance of blood groups, special techniques, AIHA, HDN, blood components, donors and blood collection, quality control, serological testing of blood products, and future trends in Blood Banking.

Grading System: ABCDF

MTCP4780. Clinical Practice Blood Bank0 lecture hrs | 0 lab hrs | 10 clinical
hrs | 2 credit hrs*Prerequisite: Completion of MTCC(P,M) Immunohematology*

Clinical course puts theory to continued practice performing tests on patient specimens and reporting results, completing cross matches, preparing components for issue, identifying multiple antibodies, processing blood components, and interviewing and drawing donors.

Grading System: ABCDF

MTCP4785. Clinical Practice Blood Bank0 lecture hrs | 0 lab hrs | 10 clinical
hrs | 2 credit hrs*Prerequisite: Completion of MTCC(P,M) Immunohematology*

Clinical course puts theory to continued practice performing tests on patient specimens and reporting results, completing cross matches, preparing components for issue, identifying multiple antibodies, processing blood components, and interviewing and drawing donors.

Grading System: ABCDF

MTCP4800. Basic Hematology and Fluid Analysis1 lecture hrs | 3 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: Biochemistry or equivalent; admission into the 4+1 program, or permission of instructor*

Introductory lecture/lab experiences in hematology and fluid analysis. Correlation of hematologic and hemostasis tests with other clinical findings in diagnosing blood dyscrasias and hemostatic disorders with case study materials and laboratory experiences.

Grading System: ABCDF

MTCP4840. Advanced Hematology

4 lecture hrs | 6 lab hrs | 0 clinical hrs | 6 credit hrs

Prerequisite: Biochemistry or equivalent; corequisite with MTCP 4800, Basic Hematology and Fluid Analysis or permission of instructor.

Discusses correlation of hematological and tests hemostasis with other clinical findings in diagnosing various blood dyscrasias and hemostatic disorders. Case study materials and laboratory experiences.

Grading System: ABCDF

MTCP4880. Clinical Practice Hematology

0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: MTCP 4840 or permission of instructor

Practical application in techniques utilized in a clinical hematology, fluids, and hemostasis laboratory, also including quality assurance issues, problem solving skills, phlebotomy, and relative management issues.

Grading System: ABCDF

MTCP4885. Clinical Practice Hematology

0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: MTCP 4840 or permission of instructor

Practical application in techniques utilized in a clinical hematology, fluids, and hemostasis laboratory, also including quality assurance issues, problem solving skills, phlebotomy, and relative management issues.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

MTCD3240. Basic Professional Concepts0 lecture hrs | 8 lab hrs |
0 clinical hrs | 5 credit hrs*Prerequisite: Required Course*

Provides fundamental knowledge and technical skills necessary for student laboratory exercises and clinical experience. Lab exercises develop manual dexterity, integrate basic concepts of laboratory testing. The course covers basic hematology, immunology, chemistry, immunohematology, venipuncture, and microbiology testing. Educational concepts and principles of management are introduced.

Grading System: ABCDF

MTCD3440. Microbiology_Basic Laboratory Techniques0 lecture hrs | 6 lab
hrs | 0 clinical hrs |
3 credit hrs*Prerequisite: None*

This course includes basic microbiology analyses in didactic and lab experiences as co-requisite in senior clinical practice microbiology course.

Grading System: ABCDF

MTCD3540. Immunology_Basic Laboratory Techniques0 lecture hrs | 6 lab hrs |
0 clinical hrs | 3 credit
hrs*Prerequisite: None*

The course includes basic immunology analyses in didactic and lab experiences as co-requisite in senior clinical practice microbiology course.

Grading System: ABCDF

**MTCD3640. Chemistry Basic Laboratory
Techniques**0 lecture hrs | 6 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: None*

The course includes basic clinical chemistry analyses in didactic and lab experiences as co-requisite in senior clinical practice chemistry course.

Grading System: ABCDF

MTCD3740. Immunohematology_Basic Laboratory Techniques0 lecture hrs | 6 lab
hrs | 0 clinical hrs |
3 credit hrs

Prerequisite: Required Course

Basic immunohematology analyses in didactic and lab experiences as co-requisite in senior clinical practice chemistry course.

Grading System:
ABCDF

MTCD3840. Hematology_Basic Laboratory Techniques 0 lecture hrs | 6 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: None

The course includes basic hematology and fluid analysis in didactic and lab experiences as co-requisite in senior clinical practice hematology course

Grading System: ABCDF

MTCD4200. Library Research 1 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: Immunology course

Introduces the use of a medical library through preparation and presentation of library research paper on an immunological topic.

Grading System: ABCDF

MTCD4320. Laboratory Management 1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: None

Provides an overview of management theory, management of human and financial resources and management of laboratory operations, and practice communication skills using a variety of methods, including the Internet. Provides background theory for Lab Management Project, MTC - 4380.

Grading System: ABCDF

MTCD4380. Laboratory Management Project 0 lecture hrs | 0 lab hrs |
5 clinical hrs | 1 credit hrs

Prerequisite: Concurrent enrollment in MTCD4320, Laboratory Management, or permission of the instructor.

Provides an opportunity to apply management theory, management of human and financial resources and management of laboratory operations to a laboratory situation and practice communication skills using a variety of methods, including the Internet, and a final written project.

Grading System: ABCDF

MTCD4400. Microbiology Review

2 lecture hrs | lab hrs | clinical hrs | 1 credit hrs

Prerequisite: Microbiology

A brief review of the basic techniques used in clinical microbiology and the clinically significant bacteria, fungi, and parasites.

Grading System: ABCDF

MTCD4400A. Microbiology Review

2 lecture hrs | lab hrs | clinical hrs | 1 credit hrs

Prerequisite: Microbiology

A brief review of the basic techniques used in clinical microbiology and the clinically significant bacteria, fungi, and parasites.

Grading System: ABCDF

MTCD4400B. Microbiology Review

lecture hrs | lab hrs | 1 clinical hrs | 1 credit hrs

Prerequisite: Microbiology

A brief review of the basic techniques used in clinical microbiology and the clinically significant bacteria, fungi, and parasites.

Grading System: ABCDF

MTCD4420. Clinic Microbiology II Lecture

3 lecture hrs | lab hrs | clinical hrs | 3 credit hrs

Prerequisite: Admission to the program

Emphasis on microbial diseases, identification procedures, and epidemiological significance.

Grading System: ABCDF

MTCD4480. Clinical Practice Microbiology

0 lecture hrs | 0 lab hrs | 10 clinical hrs | 2 credit hrs

Prerequisite: Concurrent enrollment in MTCD 4425 and MTCD 4405

Practical application of clinical microbiology techniques including areas of quality assurance, safety practices, data interpretation, instrumentation, library research, professional behavior, and introduction to management practices.

Grading System: ABCDF

MTCD4500. Immunology Review

2 lecture hrs | 0 lab hrs | 0 clinical hrs |
2 credit hrs

Prerequisite: MLT certification and/or Immunology course

Review of immunological concepts, procedures, and methods in the context of medical laboratory testing.

Grading System: ABCDF

MTCD4509. Introduction To Immunology

1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: None

Directed independent study course designed to provide students who do not have immunology prerequisite. Provide basic understanding of the structure and function of the human immune system. Areas of study include cells and organs of the immune system, cytokine functions, the humoral response, and cell-mediated immunity. Basic immunological testing techniques and principles are also covered.

Grading System: ABCDF

**MTCD4580. Senior Clinical Practice
Immunology**

0 lecture hrs | 0 lab hrs | 10 clinical
hrs | 2 credit hrs

Prerequisite: Concurrent enrollment in MTCD 4500, Immunology

Clinical application and practice of immunological testing. Theory, instrumentation, quality control, work organization, and data interpretation will be presented in the context of actual patient sample testing observed and/or conducted by students under the direct supervision of qualified clinical instructors.

Grading System: ABCDF

**MTCD4600. Laboratory Math and Quality
Control**

2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

Practical application of laboratory mathematics and its application in reagent preparation, dilution, and calculating the concentration of analyte etc., basic statistics, quality assurance, method evaluation, reference ranges and diagnostic sensitivity and specificity of a laboratory test.

Grading System: ABCDF

MTCD4600A. Laboratory Math and Quality Control lecture hrs | lab hrs | 1 clinical hrs | 1 credit hrs

Prerequisite: None

Practical application of laboratory mathematics and its application in reagent preparation, dilution, and calculating the concentration of analyze, etc.; basic statistics; quality assurance; method evaluation; reference ranges; and diagnostic sensitivity and specificity of a laboratory test.

Grading System: ABCDF

MTCD4600B. Laboratory Math and Quality Control lecture hrs | lab hrs | 1 clinical hrs | 1 credit hrs

Prerequisite: None

Practical application of laboratory mathematics and its application in reagent preparation, dilution, and calculating the concentration of analyze, etc.; basic statistics; quality assurance; method evaluation; reference ranges; and diagnostic sensitivity and specificity of a laboratory test.

Grading System: ABCDF

MTCD4620. Clinical Chemistry II (lecture) 0 lecture hrs | 0 lab hrs | 10 clinical hrs | 3 credit hrs

Prerequisite: Co-requisite MTCD 4620

Course provides theoretical knowledge of the principles of analytical techniques and procedures used in a clinical chemistry laboratory. Course also emphasizes biochemical aspects

Grading System: ABCDF

MTCD4680. Clinical Practice Chemistry 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Admitted to Medical Technology Program or the permission of the instructor

Practical experience of working in the clinical chemistry laboratory under the supervision of a Medical Technologist. Covers specimen processing, analysis and reporting of patient test results

Grading System: ABCDF

MTCD4720. Immunohematology Lecture

3 lecture hrs | 0 lab
hrs | 0 clinical hrs |
3 credit hrs

Prerequisite: MLT certification; Immunology course

For MLT articulation students, application of immunological concepts to study red cell antigens and antibodies in relation to compatibility testing for transfusion of blood products. Discussions and laboratory exercises on blood bank organizations and regulations, genetic inheritance of blood groups, special techniques, AIHA, HDN, blood components, donors and blood collection, quality control, serological testing of blood products and future trends in blood banking.

Grading System: ABCDF

MTCD4780. Clinical Practice Blood Bank

0 lecture hrs | 0 lab hrs | 10 clinical
hrs | 2 credit hrs

Prerequisite: Co-requisite MTCD 4720

Clinical course puts theory to continued practice performing tests on patient specimens and reporting results, completing cross matches, preparing components for issue, identifying multiple antibodies, processing blood components, and interviewing and drawing donors.

Grading System: ABCDF

MTCD4810. Hematology and Fluids Review

2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

Review of basic hematology and fluid analysis in didactic and lab experiences as co-requisite in senior clinical practice hematology course.

Grading System: ABCDF

MTCD4810A. Hematology and Fluids Review

lecture hrs | lab hrs | 1 clinical
hrs | 1 credit hrs

Prerequisite: None

Review of basic hematology and fluid analysis in didactic and lab experiences as co-requisite in senior clinical practice hematology course.

Grading System: ABCDF

MTCD4810B. Hematology and Fluids Review

lecture hrs | lab hrs | 1 clinical
hrs | 1 credit hrs

Prerequisite: None

Review of basic hematology and fluid analysis in didactic and lab experiences as co-requisite in senior clinical practice hematology course.

Grading System: ABCDF

MTCD4820. Advanced Hematology Lecture

3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: Co-requisite MTCD 4810 and MTCD 4880

Correlation of hematological tests with other clinical findings in diagnosing blood dyscrasias and hemostatic disorders. Case study materials.

Grading System: ABCDF

MTCD4880. Clinical Practice Hematology

0 lecture hrs | 0 lab hrs | 10 clinical
hrs | 2 credit hrs

Prerequisite: Co-requisite MTCD 4810 and MTCD 4820

Practical application in techniques utilized in a clinical hematology, fluids, and hemostasis laboratory, also including quality assurance issues, problem solving skills, phlebotomy, and relative management issues.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

MTCI4900. Directed Individual Study-General lecture hrs | lab hrs | clinical hrs | 1
- 3 credit hrs

Prerequisite: Permission of instructor

General laboratory science related projects.

Grading System: ABCDF

MTCI4903. Directed Individual Study-Management lecture hrs | lab hrs | clinical
hrs | 1 - 3 credit hrs

Prerequisite: Permission of instructor

Management related projects in medical technology.

Grading System: ABCDF

MTCI4904. Directed Individual Study-Microbiology lecture hrs | lab hrs | clinical
hrs | 1 - 3 credit hrs

Prerequisite: Permission of instructor

Related-related project that includes classroom presentations and related research project.

Grading System: ABCDF

MTCI4905. Directed Individual Study-Immunology lecture hrs | lab hrs | clinical
hrs | 1 - 3 credit hrs

Prerequisite: Permission of instructor

Immunology related project.

Grading System: ABCDF

MTCI4906. Directed Individual Study-Chemistry lecture hrs | lab hrs | clinical hrs |
1 - 3 credit hrs

Prerequisite: Permission of instructor

Chemistry related project.

Grading System: ABCDF

MTCI4907. Directed Individual Study-Immunoematology lecture hrs | lab hrs |
clinical hrs | 1 - 3 credit
hrs

Prerequisite: Permission of instructor

Blood Bank related project.

Grading System: ABCDF

MTCI4908. Directed Individual Study-Hematology

lecture hrs | lab hrs | clinical
hrs | 1 - 3 credit hrs

Prerequisite: Permission of instructor

Hematology related project.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

NMT3600. Introduction to Nuclear Cardiology 2 lecture hrs | lab hrs | 1 clinical hrs | 3 credit hrs

Prerequisite: Completion of fall and spring Junior year curriculum.

This course is the first of a two-course sequence in Nuclear Cardiology imaging and provides a comprehensive introduction that will allow the graduate of a certificate or entry level NMT program to perform basic cardiac perfusion, first pass, or Multi-Gated Acquisition procedures in a dedicated cardiac outpatient setting or in a hospital nuclear medicine department. This course is designed to be an INTRODUCTION to nuclear cardiology for entry level graduates, and is to provide adequate introductory skills in preparation for continued learning within the nuclear cardiology setting. This course covers nuclear medicine imaging only, and does not provide training in advanced cardiac life support (ACLS, or cardiac pharmacology beyond reference to those pharmacological interventional drugs specific to stress testing.

Grading System: ABCDF

NMT3611. Principles of Nuclear Medicine I 3 lecture hrs | 2 lab hrs | 0 clinical hrs | 4 credit hrs

Prerequisite: Admission to the program.

Radiopharmaceutical preparation and quality control, anatomy and positioning, and the rationale, procedures, and technical aspects of routine imaging procedures are presented. (Part I of a two part course.)

Grading System: ABCDF

NMT3612. Principles of Nuclear Medicine II 3 lecture hrs | 2 lab hrs | 0 clinical hrs | 4 credit hrs

Prerequisite: NMT 3611

Rationale, procedures, and technical aspects of nuclear cardiology, functional imaging, hematology, and nuclide therapy protocols are presented. (Part II of a two-part course.)

Grading System: ABCDF

NMT3623. Clinical Correlation Seminar 2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: NMT 3611 AND NMT 3612

Study of nuclear medicine through literature review, discussion groups, and student or guest presentations.

Grading System: ABCDF

NMT3641. Clinical Internship0 lecture hrs | 0 lab hrs | 18 clinical
hrs | 3 credit hrs*Prerequisite: Admission to program.*

Introduction to fundamentals of department operations, equipment and materials, patient care and management. Student observes clinical application of fundamentals and learns how they are applied by nuclear medicine technologist to patient imaging procedures. Student assists and performs routine procedures under direct supervision of clinical instructor.

Grading System: ABCDF

NMT3642. Clinical Internship0 lecture hrs | 0 lab hrs | 18 clinical
hrs | 3 credit hrs*Prerequisite: NMT 3641*

Student observes, assists, and performs routine and cardiac procedures as well as functional studies under supervision of clinical instructor.

Grading System: ABCDF

NMT3643. Clinical Internship0 lecture hrs | 0 lab hrs | 30 clinical
hrs | 5 credit hrs*Prerequisite: NMT 3641, NMT 3642*

Student practices performance of all aspects of nuclear medicine technology under guidance and/or supervision of clinical instructor, including routine imaging, cardiac procedures, SPECT, functional imaging, quality control, record keeping, and patient management.

Grading System: ABCDF

**NMT4600. Advanced Practice in Nuclear
Medicine I**2 lecture hrs | lab hrs | 1 clinical
hrs | 3 credit hrs*Prerequisite: Completion of Junior year in Nuclear Medicine Technology*

The course will focus on the clinical application of basic components of nuclear cardiology imaging covered in the first year of nuclear medicine technologist training.

Grading System: ABCDF

**NMT4601. Advanced Practice in Nuclear
Medicine II**2 lecture hrs | lab hrs | 1 clinical
hrs | 3 credit hrs*Prerequisite: Completion of Junior year in Nuclear Medicine Technology*

This course is designed to respond to cutting edge technology in Nuclear Medicine Clinical Imaging and research frontiers. The physics, radio pharmacy, biokinetics, and the support provided by positron molecular imaging in patient disease management will be the current content focus of this course.

Grading System: ABCDF

NMT4602. Independent Study/research (elective)

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Senior level status in Department

Students select a study or research topic according to their special interests. A suitable paper or report is required. Credit to be awarded is based on the level of difficulty of the project.

Grading System: ABCDF

NMT4602C. Independent Study/research (elective)

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Senior level status in Department

Students select a study or research topic according to their special interests. A suitable paper or report is required. Credit to be awarded is based on the level of difficulty of the project.

Grading System: ABCDF

NMT4623. Radiochemistry

3 lecture hrs | 2 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: Senior level status in Nuclear Medicine Technology

Special radiochemistry and radiopharmacy techniques presented through lecture and practical laboratory experience. Chemical and biological aspects of radiopharmaceutical production, federal regulations for radiopharmaceutical development, and quality control are emphasized.

Grading System: ABCDF

NMT4623C. Radiochemistry

3 lecture hrs | 2 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: Senior level status in Nuclear Medicine Technology

Special radiochemistry and radiopharmacy techniques presented through lecture and practical laboratory experience. Chemical and biological aspects of radiopharmaceutical production, federal regulations for radiopharmaceutical development, and quality control are emphasized.

Grading System: ABCDF

NMT4641. Clinical Practicum

0 lecture hrs | 0 lab hrs | 12 clinical hrs | 2 credit hrs

Prerequisite: Senior level status in Nuclear Medicine Technology

Student performs routine and special function procedures under minimal supervision of the clinical instructor, accepting responsibility for quality and appropriateness of study. Special clinical assignments may be made at the discretion of the clinical supervisor or clinical coordinator. Practicum may include nuclear cardiology, computer utilization, special radiochemistries and radiopharmacy procedures, CT, ultrasound, or MRI as well as routine nuclear procedures.

Grading System: ABCDF

NMT4641C. Clinical Practicum

0 lecture hrs | 0 lab hrs | 12 clinical hrs | 2 credit hrs

Prerequisite: Senior level status in Nuclear Medicine Technology

Student performs routine and special function procedures under minimal supervision of the clinical instructor, accepting responsibility for quality and appropriateness of study. Special clinical assignments may be made at the discretion of the clinical supervisor or clinical coordinator. Practicum may include nuclear cardiology, computer utilization, special radiochemistries and radiopharmacy procedures, CT, ultrasound, or MRI as well as routine nuclear procedures.

Grading System: ABCDF

NMT4642. Clinical Practicum

0 lecture hrs | 0 lab hrs | 12 clinical hrs | 2 credit hrs

Prerequisite: NMT 4641

Student performs routine and special function procedures under minimal supervision of the clinical instructor, and accepts responsibility for quality and appropriateness of study. Special clinical assignments may be made at the discretion of the clinical supervisor or clinical coordinator. Practicum may include nuclear cardiology, computer utilization, special radiochemistries and radiopharmacy procedures, CT, ultrasound, or MRI, as well as routine nuclear procedures.

Grading System: ABCDF

NMT4642C. Clinical Practicum0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: NMT 4641*

Student performs routine and special function procedures under minimal supervision of the clinical instructor, and accepts responsibility for quality and appropriateness of study. Special clinical assignments may be made at the discretion of the clinical supervisor or clinical coordinator. Practicum may include nuclear cardiology, computer utilization, special radiochemistries and radiopharmacy procedures, CT, ultrasound, or MRI, as well as routine nuclear procedures.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

OCC3100. Professional Foundations in Occupational Therapy1 lecture hrs | 2 lab hrs |
3 clinical hrs | 3 credit hrs*Prerequisite: Program admission*

Introduction to occupational therapy historical and current trends, foundational concepts to occupational therapy theory and practice, professional communication, responsibility for personal and professional growth and professional behavior. Introduction to problem based learning, directed observation and professional literature. Includes Level I Fieldwork.

Grading System: ABCF

OCC3100CO. Professional Foundations in Occupational Therapy1 lecture hrs | 2 lab hrs |
3 clinical hrs | 3 credit hrs*Prerequisite: Program admission*

Introduction to the profession of occupational therapy including historical and current trends. Foundational concepts to occupational therapy theory and practice including professional communication, responsibility for personal and professional growth and professional behavior. Introduction to problem based learning and the professional literature.

Grading System: ABCF

OCC3103. Professional Foundations and Occupational Theory1 lecture hrs | 2 lab hrs |
3 clinical hrs | 3 credit hrs*Prerequisite: Admission into program*

Provides foundational knowledge on the history, theory, and practice trends in occupational therapy. Includes introduction to professional organizations, development of skills in using professional terminology, clinical reasoning, the occupational therapy process, and role delineation. Emphasis is on individual development as a health care professional. Includes Level I Fieldwork.

Grading System: ABCDF

OCC3151. Biomechanical Measurements1 lecture hrs | 2 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: Admission into program, concurrent with ANM3500*

Study of movement emphasizing biomechanical analysis of some of the foundational structures and skills that provide the basis for normal movement patterns. Application of the biomechanical frame of reference as utilized by occupational therapists to evaluate range of motion, strength, endurance and edema in normal subjects.

Grading System: ABCF

OCC3153. Biomechanical Measurements2 lecture hrs | 2 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Successful completion of first-semester courses.*

Study of movement emphasizing biomechanical analysis of some of the foundational structures and skills that provide the basis for normal movement patterns. Application of the biomechanical frame of reference as utilized by occupational therapists to evaluate range of motion, strength, endurance and edema in normal subjects.

Grading System: ABCDF

OCC3200. Clinical Reasoning in Occupational Therapy1 lecture hrs | 2 lab hrs |
3 clinical hrs | 3 credit hrs*Prerequisite: First Semester courses*

Development of clinical reasoning skills relative to the occupational therapy process: referral, evaluation, goal-setting, intervention planning, intervention, reevaluation, discharge, and follow-up. Emphasis is on principles of evaluation, testing terminology, intervention planning, and documentation. Includes the use of a decision tree process, algorithms, frames of reference in intervention planning, and the selection, grading and adaptation of methods and media in case-based learning. Includes Level I Fieldwork.

Grading System: ABCF

OCC3204. Occupation and Adaptation2 lecture hrs | 4 lab hrs | 0 clinical
hrs | 4 credit hrs*Prerequisite: Admission into the program*

Study of fundamental concepts in the use and analysis of occupations as a therapeutic medium in occupational therapy. Emphasis is on the adaptation of the person, environment and/or task to promote occupational performance. Includes the learning, experiencing, analyzing, teaching, and adapting of activities of daily living, work, and leisure/play.

Grading System: ABCF

OCC3304. Applied Pathophysiology for the Rehabilitation Professional2 lecture hrs | 2 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Admission into the program*

An introduction to the basic pathophysiological processes. Systems, stress, maturation, and healing pertaining to rehabilitation will be covered. Included will be key principles of exercise physiology as related to occupational therapy evaluation and intervention.

Grading System: ABCF

OCC3404. Development of Lifespan Occupations

2 lecture hrs | 4 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: Admission into program

A study of theories and developmental processes across the lifespan. The development of component abilities and acquisition and cultural diversity throughout the lifespan are analyzed. Emphasis is placed on analysis of the interrelationship of occupation, activity, and successful development.

Grading System: ABCDF

OCC3453. Clinical Conditions

2 lecture hrs | 2 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: Admission into program

Analysis of common diagnoses and clinical conditions seen in adults with emphasis on motor control, biomechanical, rehabilitative, behavioral and affective conditions. Includes investigation of the influences of disease and disability on the quality of life and implications for occupational therapy.

Grading System: ABCDF

OCC3804. Pediatric Evaluation and Intervention

2 lecture hrs | 2 lab hrs | 3 clinical
hrs | 4 credit hrs

Prerequisite: Successful completion of first semester courses.

Typical and atypical development of sensorimotor, cognitive, and psychosocial performance components, acquisition of occupational roles, and influence of environment in the 0-21 population. Employs the occupational therapy process in identification and evaluation of children with atypical development. Emphasizes assessment, treatment intervention and implementation within the pediatric frames of reference. Includes Level I fieldwork in community and clinical environments.

Grading System: ABCF

OCC4103. Clinical Reasoning in Occupational Therapy

1 lecture hrs | 2 lab hrs |
3 clinical hrs | 3 credit hrs

Prerequisite: Successful completion of first-semester courses.

Development of clinical reasoning skills relative to the occupational therapy process: screening, referral, evaluation, goal setting, intervention planning, reevaluation, discharge and follow-up care. Emphasis is on generic evaluation skills and documentation in a variety of settings. Includes the use of a decision tree process, algorithms, and frames of reference. Includes Level I Fieldwork.

Grading System: ABCDF

OCC4201A. Professional Seminar

0 lecture hrs | 2 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: Successful completion of second semester courses.

This course will provide discussion, experiential learning activities and application of issues and trends related to professional participation in the occupational therapy profession both as a student and a practitioner. This course is offered in the summer semester as an "course in progress" course and will be completed during fall semester of the senior year.

Grading System: ABCDF

OCC4201B. Professional Seminar

0 lecture hrs | 2 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: Successful completion of second semester courses.

This course will provide discussion, experiential learning activities and application of issues and trends related to professional participation in the occupational therapy profession both as a student and a practitioner. This course is offered in the summer semester as an "course in progress" course and will be completed during fall semester of the senior year.

Grading System: ABCDF

OCC4204. Applied Kinesiology

2 lecture hrs | 4 lab hrs | 0 clinical
hrs | 4 credit hrs

Prerequisite: Successful completion of first-semester courses.

Study of movement emphasizing biomechanical analysis of foundational structures and skills that provide the basis for normal movement patterns. Application of the biomechanical frame of reference as utilized by occupational therapists to evaluate range of motion, strength, endurance, sensation, and edema.

Grading System: ABCDF

OCC4253. Clinical Conditions2 lecture hrs | 2 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: Successful completion of first-semester courses.

Analysis of common diagnoses and clinical conditions with emphasis on motor control, biomechanical, rehabilitative, behavioral and affective conditions. Includes investigation of the influences of disease impairment, and disability on the quality of life and implications for occupation.

Grading System: ABCDF

OCC4310. Mental Health Programming2 lecture hrs | 2 lab hrs |
3 clinical hrs | 4 credit hrs

Prerequisite: Completion of second semester courses

Analysis of case studies to understand psychiatric diagnoses and the application of clinical reasoning and selected frames of reference for occupational therapy programs for mental health problems. Includes Level I Fieldwork in hospital and community-based settings.

Grading System: ABCF

OCC4313. Mental Health Programming1 lecture hrs | 2 lab hrs |
3 clinical hrs | 3 credit hrs

Prerequisite: Successful completion of first-semester courses.

The application of clinical reasoning and selected theories, models of practice, and frames of reference for occupational therapy intervention programs for mental health are emphasized. Instruction is augmented through analysis of case studies to comprehend wellness concepts and psychiatric impairments. Included Level I Fieldwork experiences within medical and community-based settings.

Grading System: ABCDF

OCC4343. Adult Models of Practice2 lecture hrs | 0 lab hrs | 3 clinical
hrs | 3 credit hrs

Prerequisite: Completion of second semester courses

Normal and abnormal development of the population age 22 and older with an emphasis on the interrelationship of occupational performance components, areas, and contexts. Special emphasis is placed on adult developmental theory, theories of aging, role transitions, prevention and wellness concepts; sports/leisure related practice areas, and older adult practice issues. Models of practice within various reimbursement systems and environments are explored. Includes Level I fieldwork.

Grading System: ABCF

OCC4344. Adult Models of Practice

2 lecture hrs | 0 lab hrs | 3 clinical hrs | 3 credit hrs

Prerequisite: Successful completion of second semester courses.

Examination of adult models of practice promoting occupational performance. Special emphasis is placed on prevention and wellness concepts; sports/leisure related practice areas; vision, vestibular, and cognitive systems; and older adult practice trends. Various reimbursement systems and environments are examined, including the community, private contracting, skilled nursing facilities and home health practice areas. Includes Level I fieldwork.

Grading System: ABCDF

OCC4352. Movement Analysis

1 lecture hrs | 2 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: OCC3151, ANM3500, and ITD3003

Integration of motor control theories and the biomechanical frame of reference as foundational concepts for occupational therapy treatment. Includes analysis of the quality of movement and identification of underlying impairments that negatively influence movement and compromise function.

Grading System: ABCF

OCC4352CO. Movement Analysis

1 lecture hrs | 2 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: OCC3151CO, ANM3500, and ITD3003

Integration of motor control theories and the biomechanical frame of reference as foundational concepts for occupational therapy treatment. Includes analysis of the quality of movement and identification of underlying impairments that negatively influence movement and compromise function.

Grading System: ABCF

OCC4450. Conditions and Physical Dysfunction

2 lecture hrs | 2 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: OCC3200, Applied Neuroscience, PHY 3110

Analysis of common diagnoses and clinical problems seen in adults with emphasis on orthopedic, neuromuscular and general medicine problems. Includes influence on the quality of life and implications for occupational therapy

Grading System: ABCF

OCC4493. Worker Role and Ergonomics2 lecture hrs | 2 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: Successful completion of third semester courses.*

Study of the occupational performance area of work and ergonomic principles.

Emphasis is on screening, evaluation, program design, development, implementation, and outcome measurement within the clinic, private practice, and industrial workplace.

Grading System: ABCF

OCC4580B. Occupational Therapy Service Management2 lecture hrs | 2 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: OCC4500*

Application of administrative and supervisory processes including management principles, professional standards, planning for program evaluation and current issues and trends in the profession. Apply management principles and processes to selected occupational therapy organizational tasks using appropriate terminology and methods.

Grading System: ABCF

OCC4580BCO. Occupational Therapy Service Management2 lecture hrs | 2 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: OCC4500CO*

Application of administrative and supervisory processes including management principles, professional standards, planning for program evaluation and current issues and trends in the profession. Apply management principles and processes to selected occupational therapy organizational tasks using appropriate terminology and methods.

Grading System: ABCF

OCC4606. Adult Evaluation and Intervention3 lecture hrs | 4 lab hrs | 3 clinical
hrs | 6 credit hrs*Prerequisite: Successful completion of third semester courses.*

Clinical reasoning, theory and models of practice for evaluation and intervention of adults with acute and chronic conditions that influence functional outcomes in occupational performance. Includes level I fieldwork.

Grading System: ABCF

OCC4610. Investigation of a Problem 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Permission of instructor

Student investigation of a topic of interest or need.

Grading System: ABCF

OCC4630. Cognitive Rehabilitation 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Completion of OCC4300 and OCC4400 level courses

Investigation and application of evaluation and treatment principles and research related to cognitive rehabilitation in occupational therapy.

Grading System: ABCF

OCC4650. Stress Management Programs 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Completion of OCC4300 and OCC4400 level courses

Application of clinical reasoning to planning stress management programs in occupational therapy. Includes practical experiences.

Grading System: ABCF

OCC4660. Advanced Splinting in Hand and Upper Extremity Rehabilitation 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Completion of OCC4300 and OCC4400 level courses

Application of hand splinting principles introduced in OCC4473 Practice Skills, and upper extremity rehabilitation, opportunity to develop skills in the application and fabrication of advanced splints. Analysis of the clinical need, selection of appropriate splint treatment and correctly fabricating the device.

Grading System: ABCF

OCC4672. Functional Application of Adjunctive Therapies 0 lecture hrs | 4 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Successful completion of third semester courses.

Development and application of skills used for a variety of clinical conditions. Includes selection, design and construction of adaptive equipment, assistive technology, theory and application related to splinting, alternative treatment methods and the use of physical agents as adjunctive treatment modalities in occupational therapy.

Grading System: ABCF

OCC4672CO. Functional Application of Adjunctive Therapies0 lecture hrs | 4 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: Successful completion of third semester courses.*

Development and application of skills used for a variety of clinical conditions. Includes selection, design and construction of adaptive equipment, assistive technology, theory and application related to splinting, alternative treatment methods and the use of physical agents as adjunctive treatment modalities in occupational therapy.

Grading System: ABCF

OCC4680. Occupational Therapy in the Work Place0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 - 3 credit hrs*Prerequisite: Completion of OCC4300 and OCC4400 level courses*

Application of occupational therapy principles to evaluation, training and rehabilitation of individuals for worker tasks, worker roles and environment adaptations.

Grading System: ABCF

OCC4690. Research Project0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1
- 3 credit hrs*Prerequisite: Completion of OCC4300 and OCC4400 level courses*

Individual research project dealing with an area of interest the student under the supervision of a faculty member

Grading System: ABCF

OCC4700. Fieldwork Experience A 0 lecture hrs | 0 lab hrs | 40 clinical hrs | 9 credit hrs*Prerequisite: OCC 4500*

Full-time fieldwork experience applying clinical reasoning in a practice environment.

Grading System: ABCF

OCC4800. Fieldwork Experience B 0 lecture hrs | 0 lab hrs | 40 clinical hrs | 9 credit hrs*Prerequisite: OCC 4700*

Fulltime fieldwork experience applying clinical reasoning in a practice environment

Grading System: ABCF

OCC4801. School Systems Practice0 lecture hrs | 2 lab hrs | 0 clinical
hrs | 1 credit hrs*Prerequisite: Successful completion of third semester courses.*

Pediatric practice focusing on the roles and responsibilities of the school-based therapist. Emphasizes laws that govern practice in the school system, the three levels of delivery of school-based occupational therapy, equipment considerations, documentation methods, and scheduling.

Grading System: ABCF

OCC4802. School Systems Practice1 lecture hrs | 2 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: Successful completion of third semester courses.*

Pediatric practice focusing on the roles and responsibilities of the school based therapist. Emphasizes laws that govern practice in the school system, the three levels of delivery of school-based occupational therapy, equipment considerations, documentation methods, and scheduling.

Grading System: ABCDF

**OCC4804. Occupational Therapy Service
Management**3 lecture hrs | 2 lab hrs |
0 clinical hrs | 4 credit hrs*Prerequisite: Successful completion of fourth semester courses.*

Application of administrative and supervisory processes including management principles, professional standards, planning for program evaluation, case management, advocacy, reimbursement issues, marketing, analysis of outcomes, productivity, current policy issues and trends in the profession. Apply management principles and processes to selected occupational therapy organizational tasks using appropriate terminology and methods within a variety of service delivery systems and models.

Grading System: ABCF

**OCC4804CO. Occupational Therapy Service
Management**3 lecture hrs | 2 lab hrs |
0 clinical hrs | 4 credit hrs*Prerequisite: Successful completion of fourth semester courses.*

Application of administrative and supervisory processes including management principles, professional standards, planning for program evaluation, case management, advocacy, reimbursement issues, marketing, analysis of outcomes, productivity, current policy issues and trends in the profession. Apply management principles and processes to selected occupational therapy organizational tasks using appropriate terminology and methods within a variety of service delivery systems and models.

Grading System: ABCF

OCC4883. Occupational Therapy Research I

2 lecture hrs | 2 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Successful completion of second semester courses.

Study of qualitative and quantitative research methods. Application of the research process by conducting a critique of the literature, deriving clinical implications from analysis of the literature, and creating a research question based on literature review.

Grading System: ABCF

OCC4892. Occupational Therapy Research II

1 lecture hrs | 2 lab hrs |
0 clinical hrs | 2 credit hrs

Prerequisite: Successful completion of third semester courses.

Application of the research process by implementation of the data collection process, analysis of data, and presentation of the results of the study to peers. Identification of potential funding resources and introduction to grant writing.

Grading System: ABCF

OCC4900. Elective Fieldwork

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 6 credit hrs

Prerequisite: completion of OCC4300 and OCC4400 level courses

Full-time eight-week fieldwork experience in an area of the student's choice.

Grading System: ABCF

[Return to Course Descriptions Home](#)

ANMD3140. Oral Anatomy and Physiology

4 lecture hrs | 0 lab hrs | 0 clinical
hrs | 4 credit hrs

Prerequisite: None

Gross anatomy of head and neck, microcirculation of oral tissues, embryological development of orofacial complex, homeostatic functions of the organ systems and those alterations which affect dental treatment.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

PAD3010. Clinical Pharmacology

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Admittance to the PA Program

The course is designed to enable the students to apply the pharmacology knowledge needed in preparation for their role as health care providers responsible for safely prescribing and/or dispensing pharmaceutical products to patients.

Grading System: ABCDF

PAD3080. Physical Diagnosis

6 lecture hrs | 2 lab hrs | 0 clinical
hrs | 5 credit hrs

Prerequisite: None

Perform physical exams, take medical histories, use basic hand instruments in performing physical examinations. Normal findings emphasized.

Grading System: ABCDF

PAD3280. Clinical Medicine I

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 7 credit hrs

Prerequisite: PAD 3080, ANN 3320

Intense didactic course exploring pathophysiology of disease processes (physical and mental) and relationships among symptoms, objective and laboratory findings.

Grading System: ABCDF

PAD3290. Clinical Medicine II

8 lecture hrs | 1 lab hrs | 0 clinical hrs | 9 credit hrs

Prerequisite: PAD3280

Continuation of PAD3280

Grading System: ABCDF

PAD3310. Clinical Medicine III

9 lecture hrs | 1 lab hrs | 0 clinical hrs | 10 credit hrs

Prerequisite: PAD3290

Continuation of PAD3290

Grading System: ABCDF

PAD3430. Surgical and Acute Care

2 lecture hrs | 2 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: PAD 3280, PAD 3080, ANN 3320

Common and acute care surgical problems frequently encountered. Laboratory sessions introduce students to aseptic technique, surgical instruments, suturing and wound management, and operating room demeanor.

Grading System: ABCDF

PAD3470. Medical Communication Skills and Terminology in P

2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs

Prerequisite: None

Learn and develop effective terminology and communication skills for eliciting patient histories and communicating this information to other members of health care team. Emphasis given to performing competent medical interviews. Skills practiced in Clinical Medicine I and II.

Grading System: ABCDF

PAD3480. Psychosocial Issues in Health Care I

1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: None

Exposure to social psychology applied to general medicine practice. Topics include interpersonal relations, family problems, human sexuality, children's special needs, minority group health needs, effects of chronic illness, and death and dying.

Grading System: ABCDF

PAD3490. Psychosocial Issues in Health Care II

1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: PAD 3480

Continuation course in dealing with psychosocial issues and unique role of physician assistant. Course deals with history of profession, legal and ethical issues of PA practice, types of practice settings, and roles of other allied health professionals.

Grading System: ABCDF

PAD3990. Independent Study

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 - 6 credit hrs

Prerequisite: None

Independent study may provide additional or initial exposure to the didactic material under the supervision of a faculty member.

Grading System: ABCDF

PAD4010. Preceptorship0 lecture hrs | 0 lab hrs |
40 clinical hrs | 6 credit hrs*Prerequisite: All Phase I and II courses*

A required rotation generally selected as the last rotation during enrollment. Students may select from any primary care area such as family practice, pediatrics, internal medicine or general surgery.

Grading System: ABCDF

PAD4030. Family Practice

0 lecture hrs | 0 lab hrs | 40 clinical hrs | 6 credit hrs

Prerequisite: All Phase I courses

Encounter a variety of clinical problems in family practice setting.

Grading System: ABCDF

PAD4040. Internal Medicine0 lecture hrs | 0 lab hrs | 40 clinical hrs |
6 credit hrs*Prerequisite: All Phase I courses*

Evaluate and manage patients with a variety of medical problems such as diabetes, hypertension, respiratory diseases, cardiac diseases and other major system disorders.

Grading System: ABCDF

PAD4050. Pediatrics

0 lecture hrs | 0 lab hrs | 40 clinical hrs | 6 credit hrs

Prerequisite: All Phase I courses

Learn to evaluate health problems that occur from birth through adolescence.

Grading System: ABCDF

PAD4060. Obstetrics and Gynecology0 lecture hrs | 0 lab hrs | 40 clinical hrs |
6 credit hrs*Prerequisite: All Phase I courses*

Learn to evaluate and manage health issues associated with female organs including pregnancy.

Grading System: ABCDF

PAD4070. Mental Health

0 lecture hrs | 0 lab hrs | 40 clinical hrs | 6 credit hrs

Prerequisite: All Phase I courses

Learn to evaluate, manage and make dispositions on a variety of mental health problems.

Grading System: ABCDF

PAD4180. Surgery

0 lecture hrs | 0 lab hrs | 40 clinical hrs |
6 credit hrs

Prerequisite: All Phase I courses

Students encounter principles of surgical management of patients including: preoperative, postoperative and operating room care.

Grading System: ABCDF

PAD4200. Emergency Medicine

0 lecture hrs | 0 lab hrs | 40 clinical
hrs | 6 credit hrs

Prerequisite: Phase I courses

Learn to evaluate and manage a variety of problems that typically present to a hospital ER and to master procedures that are commonly performed.

Grading System: ABCDF

PAD4900. Independent Study

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 - 6 credit hrs

Prerequisite: None

Electives provide additional or initial exposure to clinical specialties under the supervision of a physician certified in that particular specialty.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

RSC3602. Problem Based Learning in Radiologic Patient Management1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: Admission to department programs.*

Case studies are utilized to illustrate clinical significance of nuclear medicine, sonography, radiography, to include CT and MRI, and radiation therapy. Students research and present patient cases which utilize diagnostic and therapeutic modalities.

Grading System: ABCDF

RSC3611. Introduction To Radiologic Patient Care2 lecture hrs | 1 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: Admission to program.*

Presentation of fundamental patient care skills needed for entry level radiologic science professionals. Content includes medical assessment, physical assessment, physical assistance, infection control and aseptic technique, drug administration, patient special needs, and medical emergencies.

Grading System: ABCDF

RSC3613. Professional-patient Interaction2 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: Admission to program.*

Introduction to imaging professional-patient interaction including profile of imaging professionals, profile of patients in general, elements of effective communication and interaction, and specific patient vignettes. Psychosocial, ethical, and medicolegal issues are incorporated.

Grading System: ABCDF

RSC3634. Radiation Protection and Biology3 lecture hrs | 1 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: RSC 3631*

Regulations, principles and practices of radiation protection, and information particular to each radiologic specialty and/or modality. Medical aspects of radiobiology including cellular, systemic and total body responses

Grading System: ABCDF

RSC4602. Sectional Anatomy2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: Admission to department programs.

Supplement to radiologic science student's general knowledge of radiologic anatomy through presentation of sectional human anatomy. Anatomy recognition via diagrams, human sections, and radiologic images (including but not limited to CT, MR and sonologic scans) will focus on the head, thorax, abdomen, and pelvis . Content serves as a foundation for further study in imaging modalities.

Grading System: ABCDF

RSC4602C. Sectional Anatomy

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Admission to department programs.

Supplement to radiologic science student's general knowledge of radiologic anatomy through presentation of sectional human anatomy. Anatomy recognition via diagrams, human sections, and radiologic images (including but not limited to CT, MR and sonologic scans) will focus on the head, thorax, abdomen, and pelvis . Content serves as a foundation for further study in imaging modalities.

Grading System: ABCDF

RSC4610. Advanced Radiologic Patient Care

2 lecture hrs | 1 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Senior level status

Patient care with emphasis on assessment and medical response in critical care situations. Review and evaluation of patient assessment and treatment protocols

Grading System: ABCDF

RSC4610C. Advanced Radiologic Patient Care

2 lecture hrs | 1 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Admission to department program.

Patient care with emphasis on assessment and medical response in critical care situations. Review and evaluation of patient assessment and treatment protocols

Grading System: ABCDF

RSC4621. Pathology in Radiologic Sciences

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Admission to department program

Course deals primarily with general pathologic processes, with greater emphasis placed on anatomic and physiologic pathologies in which diagnostic imaging modalities or radiation therapy play an important role in patient management. Lab values and radiographic images are integrated into the classroom presentations, along with plain and gross anatomy of the pathologies.

Grading System: ABCDF

RSC4621C. Pathology in Radiologic Sciences 2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Admission to department program

Course deals primarily with general pathologic processes, with greater emphasis placed on anatomic and physiologic pathologies in which diagnostic imaging modalities or radiation therapy play an important role in patient management. Lab values and radiographic images are integrated into the classroom presentations, along with plain and gross anatomy of the pathologies.

Grading System: ABCDF

RSC4645. Clinic Specialization II 0 lecture hrs | 0 lab hrs | 18 clinical hrs | 3 credit hrs

Prerequisite: Completion of entry-level clinic coursework in the discipline of study, or credentialed in the discipline of study, or permission of the instructor.

Opportunity for experience in a clinical practice setting focusing on specialized study and/or research in a radiologic discipline.

Grading System: ABCDF

RSC4653. Research Designs and Statistical Methods in Radiologic Sciences 2 lecture hrs | 2 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Elementary statistics or permission of instructor.

Introduction to fundamentals of designing research and statistical methods appropriate for allied health and radiological sciences. Teaches working knowledge of basic descriptive and inferential statistics in order to analyze relationships and differences among groups, and differentiation between experimental and quasi-experimental research designs. Students design a project and develop it into a research proposal.

Grading System: ABCDF

RSC4653C. Research Designs and Statistical Methods in Radiologic Sciences 2 lecture hrs | 2 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Elementary statistics or permission of instructor.

Introduction to fundamentals of designing research and statistical methods appropriate for allied health and radiological sciences. Teaches working knowledge of basic descriptive and inferential statistics in order to analyze relationships and differences among groups, and differentiation between experimental and quasi-experimental research designs. Students design a project and develop it into a research proposal.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

RTR3611. Radiographic Procedures 15 lecture hrs | 2 lab hrs |
0 clinical hrs | 6 credit hrs*Prerequisite: Admission to the program.*

The first of a two course sequence in radiographic positioning and imaging procedures. Presents anatomic and positioning terminology; topographic landmarks; positioning criteria and tasks for routine imaging of chest, abdomen, skeleton, and cranium; and image analysis. Fundamentals of image production, exposure control and image quality sufficient for basic image analysis presented.

Grading System: ABCDF

RTR3612. Radiographic Procedures 23 lecture hrs | 2 lab hrs |
0 clinical hrs | 4 credit hrs*Prerequisite: Admission to the program.*

Study of characteristics and performance of routine contrast media procedures of gastrointestinal, genitourinary and accessory digestive systems; and imaging techniques for specialized views of the skull. Basic parameters of select special procedures including purpose, procedural steps, patient and equipment preparation, type and injection method of contrast media, radiographic series, imaging and anatomy visualized.

Grading System: ABCDF

RTR3621. Radiographic Technique4 lecture hrs | 0 lab hrs |
0 clinical hrs | 4 credit hrs*Prerequisite: Admission to program.*

Photographic principles of radiography, including film, image receptors, and processing. Factors that affect image quality are studied. Devices that influence production and control of scatter radiation are discussed.

Grading System: ABCDF

RTR3630. Introduction to Radiographic Physics2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: Admission to program*

Overview of physical principles which serve as the foundation to radiographic imaging. Topics include general characteristics of x-rays, x-ray production, x-ray interaction with matter and image receptor characteristics.

Grading System: ABCDF

RTR3632. Radiologic Science2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: Admission to program.*

Presentation of components and principles of operation of diagnostic radiographic equipment. Discussion of equipment, preventive maintenance, test equipment and computer applications.

Grading System: ABCDF

RTR3641. Clinical Internship0 lecture hrs | 0 lab hrs | 24 clinical
hrs | 4 credit hrs*Prerequisite: Enrollment in program.*

Students perform clinical procedures and apply knowledge gained in corresponding courses of curriculum. Opportunity to perform as a practicing radiographer is provided.

Grading System: ABCDF

RTR3642. Clinical Internship0 lecture hrs | 0 lab hrs | 24 clinical
hrs | 4 credit hrs*Prerequisite: Successful completion of previous clinical internship course(s) in sequence, or permission of program faculty.*

Students perform and demonstrate clinically knowledge gained in corresponding courses of curriculum. Opportunity to perform as a practicing radiographer is provided.

Grading System: ABCDF

RTR3643. Clinical Internship0 lecture hrs | 0 lab hrs | 30 clinical
hrs | 5 credit hrs*Prerequisite: Successful completion of previous clinical internship course(s) in sequence, or permission of program faculty.*

Students perform and demonstrate clinically knowledge gained in corresponding courses of curriculum. Opportunity to perform as a practicing radiographer is provided.

Grading System: ABCDF

**RTR4622. Special
Topics**

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: Admission to the program.

Review of current literature in radiography to include recent technical advances in practice and current and future trends. Student presentation and discussion emphasized.

Grading System: Satisfactory/Unsatisfactory

RTR4622C. Special Topics

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: Admission to the program.

Review of current literature in radiography to include recent technical advances in practice and current and future trends. Student presentation and discussion emphasized.

Grading System: Satisfactory/Unsatisfactory

RTR4631. Principles and Instrumentation of CT

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Certified technologist or permission of instructor.

Concepts of CT physics and instrumentation, imaging procedures and protocols, and patient care/management in CT.

Grading System: ABCDF

RTR4631C. Principles and Instrumentation of CT

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Certified technologist or permission of instructor.

Concepts of CT physics and instrumentation, imaging procedures and protocols, and patient care/management in CT.

Grading System: ABCDF

RTR4632. Principles and Instrumentation of Mammography

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Certified radiographer or permission of instructor.

Comprehensive study of anatomy and physiology of the breast; physics, instrumentation, and principles of mammography techniques and mammography positioning.

Grading System: ABCDF

RTR4632C. Principles and Instrumentation of Mammography3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Certified radiographer or permission of instructor.*

Comprehensive study of anatomy and physiology of the breast; physics, instrumentation, and principles of mammography techniques and mammography positioning.

Grading System: ABCDF

RTR4633. Principles and Instrumentation of MRI3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Precalculus and PCS 3631; permission of instructor.*

Overview of clinical and biological potential of magnetic resonance imaging, an in-depth presentation of fundamental principles of MR signal generation. Proton density, relaxation times (T1 and T2) and motion, or flow, introduced with their various interpretations and effects on image contrast. Imaging procedures and protocols, and patient care/management in MRI presented.

Grading System: ABCDF

RTR4633C. Principles and Instrumentation of MRI3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Precalculus and PCS 3631; permission of instructor.*

Overview of clinical and biological potential of magnetic resonance imaging, an in-depth presentation of fundamental principles of MR signal generation. Proton density, relaxation times (T1 and T2) and motion, or flow, introduced with their various interpretations and effects on image contrast. Imaging procedures and protocols, and patient care/management in MRI presented.

Grading System: ABCDF

RTR4637. Quality Control in Radiography2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: Admission to program.*

Philosophy and basic principles of quality control in radiography. Factors influencing image quality, the influence of these factors on radiographs, explanation of instruments used in a quality control program, and collection and interpretation of statistical data.

Grading System: ABCDF

RTR4641. Clinical Internship

0 lecture hrs | 0 lab hrs | 18 clinical hrs | 1 - 3 credit hrs

Prerequisite: Successful completion of previous clinical internship course(s) in sequence, or permission of program faculty..

Students perform and demonstrate clinically knowledge gained in corresponding courses of curriculum. Opportunity to perform as a practicing radiographer is provided.

Grading System: ABCDF

RTR4651. Seminar

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: Admission to program.

Comprehensive overview of didactic and clinical program topics related to performance skills and problem-solving. Evaluations are used to raise performance skills to optimal levels of competency.

Grading System: ABCDF

RTR4652. Independent Study

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 4 credit hrs

Prerequisite: Admission to the program.

Pursuit of a topic or course of study, or investigation of a problem, of interest to student and approved by instructor.

Grading System: ABCDF

RTR4652C. Independent Study

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 4 credit hrs

Prerequisite: Admission to the program.

Pursuit of a topic or course of study, or investigation of a problem, of interest to student and approved by instructor.

Grading System: ABCDF

RTR4660. Clinical Practicum

0 lecture hrs | 2 lab hrs | 12 clinical hrs | 3 credit hrs

Prerequisite: Admission to the program.

Opportunity for clinical experience in practice setting(s) through assignment to one or two sites selected from available rotations, such as: quality control, quality assurance, angiography, teaching, and radiologic disciplines and/or specialties.

Grading System: ABCDF

RTR4660C. Clinical Practicum0 lecture hrs | 2 lab hrs | 12 clinical
hrs | 3 credit hrs*Prerequisite: Admission to the program.*

Opportunity for clinical experience in practice setting(s) through assignment to one or two sites selected from available rotations, such as: quality control, quality assurance, angiography, teaching, and radiologic disciplines and/or specialties.

Grading System: ABCDF

RTR4661. CT Clinical Practicum0 lecture hrs | 2 lab hrs | 12 clinical
hrs | 3 credit hrs*Prerequisite: RTR 4631 (my be concurrent) or permission of instructor.*

Opportunity for clinical experience in practice setting(s) for various anatomical systems to provide skills development in patient management, image acquisition and manipulation, and procedural protocols.

Grading System: ABCDF

RTR4661C. CT Clinical Practicum0 lecture hrs | 2 lab hrs | 12 clinical
hrs | 3 credit hrs*Prerequisite: RTR 4631 (my be concurrent) or permission of instructor.*

Opportunity for clinical experience in practice setting(s) for various anatomical systems to provide skills development in patient management, image acquisition and manipulation, and procedural protocols.

Grading System: ABCDF

RTR4662. Mammography Clinical Practicum0 lecture hrs | 0 lab hrs |
12 clinical hrs | 3 credit hrs*Prerequisite: RTR 4632 (may be concurrent) or permission of instructor.*

Opportunity for clinical experience in practice setting(s) for skills development in patient management, image acquisition and procedural protocols.

Grading System: ABCDF

RTR4662C. Mammography Clinical Practicum0 lecture hrs | 0 lab hrs |
12 clinical hrs | 3 credit hrs*Prerequisite: RTR 4632 (may be concurrent) or permission of instructor.*

Opportunity for clinical experience in practice setting(s) for skills development in patient management, image acquisition and procedural protocols.

Grading System: ABCDF

RTR4663. MRI Clinical Practicum

0 lecture hrs | 2 lab hrs | 12 clinical
hrs | 3 credit hrs

Prerequisite: RTR 4633 (may be concurrent) or permission of instructor.

Opportunity for clinical experience in practice setting(s) for skills development in patient management, image acquisition and manipulation, and procedural protocols.

Grading System: ABCDF

RTR4663C. MRI Clinical Practicum

0 lecture hrs | 2 lab hrs | 12 clinical
hrs | 3 credit hrs

Prerequisite: RTR 4633 (may be concurrent) or permission of instructor.

Opportunity for clinical experience in practice setting(s) for skills development in patient management, image acquisition and manipulation, and procedural protocols.

Grading System: ABCDF

RTR4664. Clinical Practicum

0 lecture hrs | 0 lab hrs | 12 clinical
hrs | 3 credit hrs

Prerequisite: None

Clinical experience in practice setting(s) through assignment to one or two sites selected from available rotations such as quality control, quality assurance, angiography, teaching, and radiologic disciplines and/or specialties.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

RTT3641. Radiation Oncology Clinical Internship

0 lecture hrs | 0 lab hrs | 24 clinical hrs | 4 credit hrs

Prerequisite: Admission to the program.

Students work with the clinical personnel in a team approach to radiation therapy treatment, planning and patient care.

Grading System: ABCDF

RTT3642. Radiation Oncology Clinical Internship

0 lecture hrs | 0 lab hrs | 24 clinical hrs | 4 credit hrs

Prerequisite: Admission to the program.

Students work with the clinical personnel in a team approach to radiation therapy treatment, planning and patient care.

Grading System: ABCDF

RTT3643. Radiation Oncology Clinical Internship

0 lecture hrs | 0 lab hrs | 36 clinical hrs | 6 credit hrs

Prerequisite: Admission to the program.

Students work with the clinical personnel in a team approach to radiation therapy treatment, planning and patient care.

Grading System: ABCDF

RTT4601. Principles of Radiation Oncology

4 lecture hrs | 0 lab hrs | 0 clinical hrs | 4 credit hrs

Prerequisite: Admission to the program.

An overview of radiation therapy to include medical terminology, patient care, basic machine usage, communication skills, as well as the rationale of radiation therapy and related subject matters.

Grading System: ABCDF

RTT4613. Quality Assurance in Radiation Oncology

2 lecture hrs | 1 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Admission to the program.

Overview of quality assurance in radiation therapy to include methods of monitoring function of radiation therapy equipment, maintenance of complete and accurate patient records and records reflecting function of equipment, as well as routine checks for general condition of treatment room.

Grading System: ABCDF

RTT4614. Radiation Oncology Simulation Procedures

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Senior year standing or permission of the instructor.

General principles of patient simulation including familiarization with equipment, patient positioning, and the rationale for simulation of radiation therapy portals.

Grading System: ABCDF

RTT4615. Radiation Oncology Seminar

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Senior standing or permission of instructor.

Review of radiation therapy literature through research, discussions and student or guest presentation.

Grading System: ABCDF

RTT4621. Cancer Management in Radiation Oncology

3 lecture hrs | 0 lab hrs | 3 clinical hrs | 3 credit hrs

Prerequisite: Admission to the program.

Introduction to specific malignant disease entities by site of occurrence. Disease processes and the treatment planning philosophy are discussed, as well as the relationship between treatment planning and clinical radiation therapy.

Grading System: ABCDF

RTT4640. Radiation Oncology Clinical Internship

0 lecture hrs | 0 lab hrs | 24 clinical hrs | 4 credit hrs

Prerequisite: Admission to the program.

Monthly clinical at the Georgia Radiation Therapy Center in Augusta. Students work with clinical personnel in team approach to radiation therapy treatment, planning and patient care.

Grading System: ABCDF

RTT4641. Radiation Oncology Clinical Internship

0 lecture hrs | 0 lab hrs | 18 clinical hrs | 3 credit hrs

Prerequisite: Admission to the program.

Monthly clinical at the Georgia Radiation Therapy Center in Augusta. Students work with clinical personnel in team approach to radiation therapy treatment, planning and patient care.

Grading System: ABCDF

RTT4642. Radiation Oncology Clinical Internship

0 lecture hrs | 0 lab hrs | 24 clinical hrs | 4 credit hrs

Prerequisite: Admission to the program.

Monthly clinical at the Georgia Radiation Therapy Center in Augusta. Students work with clinical personnel in team approach to radiation therapy treatment, planning and patient care.

Grading System: ABCDF

RTT4643. Radiation Oncology Clinical Internship

0 lecture hrs | 8 lab hrs | 30 clinical hrs | 6 credit hrs

Prerequisite: Admission to the program.

Monthly clinical at the Georgia Radiation Therapy Center in Augusta. Students work with clinical personnel in team approach to radiation therapy treatment, planning and patient care.

Grading System: ABCDF

RTT4644. Medical Dosimetry Clinical Internship

0 lecture hrs | 0 lab hrs | 30 clinical hrs | 5 credit hrs

Prerequisite: Admission to the program.

Monthly clinical experiences which include, but are not limited to annual calibrations of equipment with a physicist, dose calculations and treatment planning, radiation safety and quality assurance.

Grading System: ABCDF

RTT4645. Medical Dosimetry Clinical Internship

0 lecture hrs | 0 lab hrs | 36 clinical hrs | 6 credit hrs

Prerequisite: Admission to the program.

Monthly clinical experiences which include, but are not limited to annual calibrations of equipment with a physicist, dose calculations and treatment planning, radiation safety and quality assurance.

Grading System: ABCDF

RTT4646. Medical Dosimetry Clinical Internship

0 lecture hrs | 0 lab hrs | 36 clinical hrs | 6 credit hrs

Prerequisite: Admission to the program.

Monthly clinical experiences which include, but are not limited to annual calibrations of equipment with a physicist, dose calculations and treatment planning, radiation safety and quality assurance.

Grading System: ABCDF

RTT4647. Medical Dosimetry Special Topics

4 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the program.

Review of current literature in medical dosimetry, to include data on recent technical advances in practice, current and future trends. Student presentation and discussion emphasized.

Grading System: ABCDF

RTT4647C. Medical Dosimetry Special Topics

4 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the program.

Review of current literature in medical dosimetry, to include data on recent technical advances in practice, current and future trends. Student presentation and discussion emphasized.

Grading System: ABCDF

RTT4648. Applied Project

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 4 credit hrs

Prerequisite: Admission to the program.

Directed project in which the student works independently on a project related to management or education in radiation oncology.

Grading System: ABCDF

RTT4648C. Applied Project

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 4 credit hrs

Prerequisite: Admission to the program.

Directed project in which the student works independently on a project related to management or education in radiation oncology.

Grading System: ABCDF

RTT4649. Medical Dosimetry Special Topics

3 lecture hrs | 4 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: None

This course presents general principles of 3D data acquisition and treatment planning. Recognition of human anatomy in three dimensional planes, dose tolerances of critical structures and prior knowledge of radiation equipment will be utilized. The student will research evaluate, justify and accurately implement treatment plans in the clinical setting.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

RSM4632. Management of the Radiology

2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs

Department

Prerequisite: Admission to department program

Application of principles of business administration and personnel management to radiology department, including study of budgeting and financing, personnel interaction, patient scheduling, design and equipment purchasing, and concepts of quality management.

Grading System: ABCDF

RSM4632C. Management of the Radiology

2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs

Department

Prerequisite: Admission to department program

Application of principles of business administration and personnel management to radiology department, including study of budgeting and financing, personnel interaction, patient scheduling, design and equipment purchasing, and concepts of quality management.

Grading System: ABCDF

[Return to Course Descriptions Home](#)



Guide to Course Descriptions

School of Dentistry

Discipline	Prefix
Dental Materials	DPS
Dental Practice	DAU
Dentistry Clerkship	CLK
Dentistry, Basic Sciences	OBMP
Dentistry, Cardiac Life Support	CPR
Dentistry, Dental Assisting	DAE
Dentistry, Ethics	ETH
Dentistry, Independent Study	DIS
Dentistry, Interdisciplinary Seminar	ISEM
Dentistry, National Board Review	NBR
Dentistry, New Student Orientation	NSO
Dentistry, Occlusion	OCC
Dentistry, Orientation to Profession	ORP
Dentistry, Patient Services	IPS
Dentistry, Patient Services	PSE
Dentistry, Radiology	RADD
Dentistry, Rural Health	RHO
Dentistry, Statistics	STAT
Dentistry, Tallbott-Marsh Rotation	TMR
Dentistry, Treatment Planning	OMTP
Dentistry, Vocational Opportunities	VOD
Emergency Dental Services	EDS
Endodontics	ENDO
Geriatric Dentistry	GER
Implantology	IMPL
Oral Medicine	OMD
Oral Surgery	OSD
Orthodontics	ORTH
Pediatric Dentistry	PEDO
Periodontics	PER
Prosthodontics	PRO

[Restorative Dentistry](#)

RES

[Return to Course Descriptions Home](#)

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Please email comments, suggestions or questions to Rita Garner,
registrar@mail.mcg.edu

June 23, 2003

DPS5001. Dental Materials

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

This course uses a problem-based approach to the theory and use of materials and techniques which are critical to the successful practice of dentistry. The goal of the course is to give students a foundation of principles in dental materials science which they can apply to existing and future clinical situations.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

**DAU5001. Introduction To
Operatory Procedures**

8 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This course presents lectures on the care and maintenance of dental equipment, operation of dental operatory equipment, chair, patient, and operatory positions; instrument sterilization rationale and procedures and basic interpersonal skills.

Grading System: Satisfactory/Unsatisfactory

**DAU5002. Principles and Practice of Small Business
Administration**0 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: None*

This course is the dental students introduction to the Principals and Practice of a Small Business Administration. From the concepts taught in this course the student will gain an understanding of the business side of dentistry. Subject matter presented in this course includes the selection of a practice area, designing the dental facility, equipping the dental office, borrowing money to finance the new practice, producing pro-forma financial documents, principles of cost and revenue, contract agreements, leasing dental equipment, bookkeeping and patient record forms, interviewing and staff selection, and business management accounting systems.

Grading System: ABCDF

**DAU5003. Principles and Practice of Small Business
Administration**0 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: None*

This course provides dental students with a working knowledge of marketing, dental jurisprudence, legal aspects of business, tax reports, retirement planning, personal financial management, money management, dental records, third party payments, management of cash flow and budgeting, appointment control, recall systems, referral policy, the welcome letter, evaluating the practice, dental practice accounting, money management, projects and case illustrations, as they inter-relate to the private practice of dentistry.

Grading System: ABCDF

DAU5901. Dental Practice Dynamics Clinic0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs*Prerequisite: None*

This is a clinical course designed to meet the transitional practice needs of each student. Time will be spent in the areas of auxiliary utilization, four-handed sit-down dentistry, interpersonal skills, practice management, time management, and orientation to the private practice.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

CLK5901. Clerkship

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 4 credit hrs

Prerequisite: None

This course is designed to provide each student with clinical experiences in differing community settings away from campus. Each student is involved for a total of three weeks in an ambulatory care dental facility. These facilities allow the student to apply his clinical skills in the delivery of primary dental care for diverse populations of patients.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

OBMP5001. General and Oral Microanatomy8 lecture hrs | 12 lab hrs |
0 clinical hrs | 6 credit hrs*Prerequisite: None*

This course presents didactic information and provides laboratory experiences related to the microscopic appearance and functional correlates of cellular, subcellular and extracellular structures of the primary tissues, organs and organ systems of the human body. Emphasis is placed on the structure and function of tissues of the oral cavity, and on the correlation of basic science information to various aspects of clinical dentistry.

Grading System: ABCDF

OBMP5002. Applied Head and Neck Anatomy5 lecture hrs | 0 lab hrs | 0 clinical
hrs | 5 credit hrs*Prerequisite: None*

Lectures correlate the anatomical information learned in the laboratory to clinical problems, and also tie the regional approach of laboratory anatomy to systemic physiological anatomy. Students dissect the head region and the superficial and deep structures of the neck region. Models and movies of prosected material supplement dissection.

Grading System: ABCDF

OBMP5003. Neuroscience4 lecture hrs | 1 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: None*

This course presents the basic structure and function of the nervous system through lectures and laboratories. Case studies are used to correlate basic science information with clinical neuropathies of dental interest.

Grading System: ABCDF

OBMP5004. Systemic Anatomy1 lecture hrs | 3 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: None*

This course emphasizes the anatomical organization of axilla, thorax, abdomen, pelvis, and upper and lower extremities. Dissection models and movies of prosected materials are used to study the human body on a systemic basis. Clinical correlations are emphasized.

Grading System: ABCDF

OBMP5101. Biochemical Basis of Oral Health and Disease6 lecture hrs | 0 lab hrs |
0 clinical hrs | 6 credit hrs*Prerequisite: None*

Biomedical concepts and information essential to understanding the chemistry of the living cell are presented. Correlations between biochemistry and dental clinical sciences are emphasized.

Grading System: ABCDF

OBMP5102. Molecular Biology of Craniofacial Development2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: None*

Topics include regulatory mechanisms and pathways involved in the flow of genetic information required for normal tissue development and homeostasis. Special emphasis is given to development of the teeth, periodontium and other oral structures. Processes of gametogenesis and early embryogenesis with emphasis on craniofacial development also are presented.

Grading System: ABCDF

OBMP5103. Nutrition for Dental Professionals1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: None*

In this course various aspects of nutritional counseling with patients are practiced. Major nutritional problems encountered in the clinical practice of dentistry are discussed.

Grading System: ABCDF

OBMP5201. Physiological Foundation for Dental Practice I2 lecture hrs | 0 lab hrs |
0 clinical hrs | 4 credit hrs*Prerequisite: None*

An integrated study of the functional system of the human body ranging from molecular interaction to organismic behavior is presented in this course. Special emphasis is placed on principles and concepts related to dental practice.

Grading System: ABCDF

OBMP5202. Physiological Foundation for Dental Practice II4 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: None*

This course provides students knowledge of the basic functions of cells, tissues, organs and organ systems and how they interrelate so that they may make clinical judgments on a rational, scientific basis.

Grading System: ABCDF

OBMP5301. Oral Microbiology and Infectious Disease I

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: None

This course presents lectures on microbiology and immunology including microbial physiology, metabolism, genetics and mechanisms of pathogenesis and basic principles of immunology and immunological responses.

Grading System: ABCDF

OBMP5302. Oral Microbiology and Infectious Disease II

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: None

This course presents lectures on microbiology and immunology including microbial physiology, metabolism, genetics and mechanisms of pathogenesis and basic principles of immunology and immunological responses.

Grading System: ABCDF

OBMP5303. Cariology

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

The course presents an integrated study of the multifactorial aspects of dental caries, including theories of caries etiology, epidemiology, molecular pathology, microbiological and biochemical composition of dental plaque, host and nutritional influences on pathogenicity. Approaches to caries prevention including immunization, fluoridation, antimicrobial agents and sugar substitutes are discussed.

Grading System: ABCDF

OBMP5401. Pharmacology and Therapeutics for Dental Practice I

2 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: None

This course is an introduction to pharmacology with emphasis on aspects of particular relevant to general dentistry.

Grading System: ABCDF

OBMP5402. Pharmacology and Therapeutics for Dental Practice II0 lecture hrs | 0 lab hrs |
0 clinical hrs | 5 credit hrs*Prerequisite: None*

This course includes the pharmacology of drugs that affect the central nervous system, autonomic nervous system, cardiovascular system and endocrine function.

Grading System: ABCDF

OBMP5403. Dental Pharmacology Seminar1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: None*

This course is a seminar review and is update of pharmacologic topics. A National Board examination package has been assembled from the last seven released exams. The questions are grouped according to topics and questions are identified by year (s). At each session, questions are reviewed and the instructor will update and/or emphasize any subjects that are recalled by the question.

Grading System: ABCDF

OBMP5501. Applied Pathology in Dentistry5 lecture hrs | 0 lab hrs | 0 clinical
hrs | 5 credit hrs*Prerequisite: None*

This course includes lectures and clinico-pathological conferences on the basic principles of disease, relevant histopathology and the underlying mechanism at the cellular and subcellular levels. The topics include cell pathology, inflammatory process, hemodynamic disturbances, genetic and metabolic disorders and neoplasia. In addition, pathology of the systemic organs is covered.

Grading System: ABCDF

OBMP5502. Clinical Pathology Conferences0 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: None*

This course is comprised of clinicopathologic conferences encompassing differential diagnosis of systemic diseases. These conferences include case studies of diseases with emphasis on pathogenesis relative to clinical manifestations with implications for patient management during treatment of oral disease. Fundamentally, this course is conducted in a problem-solving format.

Grading System: ABCDF

OBMP5503. Oral Pathology I0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: None*

The course examines the etiology and pathogenesis of oral and paraoral diseases and is the first of two courses in basic oral and maxillofacial pathology. The subject matter includes an introduction and biopsy techniques, developmental defects and anomalies, abnormalities of teeth, pupal/periapical diseases, periodontal diseases, bacterial infections, fungal and protozoal diseases, viral infections, physical and chemical injuries, allergies and immunological diseases, epithelial pathology, and salivary gland pathology. This course is conducted via lectures coupled with occasional clinicopathologic conferences which emphasize the development of a differential diagnosis and establishment of a final diagnosis.

Grading System: ABCDF

OBMP5504. Oral Pathology II0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: None*

This course examines the etiology and pathogenesis of oral and paraoral diseases and is the second of two courses in basic oral & maxillofacial pathology. The subject matter includes soft tissue tumors, hematologic disorders, bone pathology, odontogenic cysts and tumors, dermatologic diseases, oral manifestations of systemic disease, facial pain and neuromuscular diseases and forensic dentistry. The course is conducted via lectures coupled with clinicopathologic conferences which emphasize the development of a differential diagnosis and establishment of a final diagnosis.

Grading System: ABCDF

OBMP5505. Clinical Oncology0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs*Prerequisite: None*

This course includes lectures and clinico-pathologic conferences which primarily emphasize the diagnosis and management of malignant and benign neoplastic lesions of the oral/perioral regions. Clinico-pathologic conferences are integrated for establishment of a differential diagnosis for lesions of oral/perioral regions as well as oral manifestations of systemic neoplasms.

Grading System: ABCDF

OBMP5601. Bioclinical Seminar I

1 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: None

Clinical case reports pertinent to the basic science courses currently or previously taught will be presented to the class during the first 30 minutes of the seminars. The remaining one and a half hour of each seminar will be spend by a small group of students in the presence of a faculty moderator in discussing the learning issues pertinent to the case that was given to the students ten days prior to the seminar.

Grading System: ABCDF

OBMP5602. Bioclinical Seminar II

1 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: None

Clinical case reports pertinent to the basic science courses currently or previously taught will be presented to the class during the first 30 minutes of the seminars. The remaining one and a half hour of each seminar will be spend by a small group of students in the presence of a faculty moderator in discussing the learning issues pertinent to the case that was given to the students ten days prior to the seminar.

Grading System: ABCDF

OBMP5603. Special Topics in Oral Biology

3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

This interdisciplinary course is designed to highlight, through review information, quizzes, directed self-study and practice National Board questions, the biological science topics that are emphasized on Part I of the National Boards.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

**CPR5001. Basic
Cardiac Life Support
(CPR))**

3 lecture hrs | 4 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

In this course the student completes a Basic Cardiac Life Support Healthcare Provider course according to the standards established by the American Heart Association. In addition, MCG Emergency Medical Protocol is reviewed.

Grading System: Satisfactory/Unsatisfactory

CPR5002. Basic Cardiac Life Support (CPR)

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: None

In this course the student completes a Basic Cardiac Life Support Healthcare Provider course according to the standards established by the American Heart Association. In addition, MCG Emergency Medical Protocol is reviewed.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

**DAE5001. Dental
Assisting Elective**

0 lecture hrs | 0 lab hrs | 3 clinical hrs | 2 credit hrs

Prerequisite: None

This course offers the first year student the opportunity to learn basic dental assisting skills which the student will subsequently need to teach auxiliaries. The student will also observe and assist third and fourth year dental students. These experiences will familiarize the student with the protocols and procedures they will utilize in the future.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

ETH5000. Ethics for Health Professionals

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: None

This course provides an introduction to the structure and information necessary to help the student to recognize and assess significant ethical and legal issues in his or her practice. It consists of lectures and discussion which provide an opportunity to learn about the analytical techniques from ethics and law and the content of ethical standards found in the statements of the profession and the law.

Grading System: ABCDF

ETH5001. Ethics, Jurisprudence and Dentistry

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: None

This course provides an introduction to the structure and information necessary to help the student to recognize and assess significant ethical and legal issues in his or her practice. It consists of lectures and discussion which provide an opportunity to learn about the analytical techniques from ethics and law and the content of ethical standards found in the statements of the profession and the law.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

DIS5901. Independent Study Clinic 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: None

This course is for special students to register for clinical patient care time.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

ISEM5001. Interdisciplinary Seminar

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This course is designed to allow students to be exposed to nationally renowned dental experts. Dental leaders in education, research and private practice are invited to present state-of-the-art material

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

NBR5001. National Board Review

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: None

Review Session for Part II National Boards (Oral Rehab, Oral Surgery, Pharmacology, Endo, Epidemiology, Statistics, OSHA Standards, Oral Path)

Grading System: ABCDF

[Return to Course Descriptions Home](#)

NSO5001. New Student Orientation

10 lecture hrs | 6 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

New Student Orientation is a 1 credit hour, 16 contact hour pass/fail course for new first year students in the School of Dentistry to acquaint them with student services at the Medical College of Georgia, financial aid policies, the goals of dental education, and policies applicable to students in the DMD curriculum.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

OCC5002. Occlusal Analysis

8 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: None

This course consists of lectures, laboratory and clinical procedures involved in making impressions and mounted diagnostic casts, in determining the functional status of the natural dentition, and in performing an occlusal adjustment.

Grading System: ABCDF

OCC5003. Diagnosis and Treatment of Temporomandibular Disorder

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: None

This course introduces the student to the screening, diagnosis and treatment of temporomandibular disorders. The course also provides the experience of laboratory fabrication, and delivery of a "centric relation", full arch coverage occlusal splint.

Grading System:
ABCDF

OCC5901. Occlusion Clinic

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This clinical course offers the student an opportunity to develop diagnostic and treatment skills in the areas of occlusion and temporomandibular disorders. The course reinforces and reviews principles learned in previous didactic courses by requiring their application in clinical situations likely to be encountered by general dentists.

Grading System: ABCDF

OCC5902. Occlusion Clinic

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This clinical course offers the student an opportunity to develop diagnostic and treatment skills in the areas of occlusion and temporomandibular disorders. The course reinforces and reviews principles learned in previous didactic courses by requiring their application in clinical situations likely to be encountered by general dentists.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

ORP5001. Orientation to the Profession and Ethics

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This introductory course provides a multidisciplinary overview of dental practice. It illustrates the types of services which dentists offer, introduces dental terminology, presents examples of techniques and procedures, discusses various specialty services within dentistry, and provides insight on career opportunities. It discusses curricular expectations within each general category of dental practice. Significant individuals, materials and procedures in the history of dentistry are also reviewed.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

PSE5901. Patient Services Elective

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

This course provides the student with additional educational opportunities to provide patient care and to assist other students in providing patient care.

Grading System: ABCDF

PSE5902. Patient Services Elective

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: None

This course provides the student with additional educational opportunities to provide patient care and to assist other students in providing patient care.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

RADD5001. Radiology

2 lecture hrs | 2 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

This is an introductory course in dental radiology that includes lectures and laboratory exercises in radiation physics, radiation biology, radiation safety and radiographic techniques. An introduction to radiographic film processing, darkroom maintenance, error recognition and an introduction to radiological interpretation of normal anatomy, caries, periodontal disease and periapical disease will also be presented.

Grading System: ABCDF

RADD5002. Dental Radiologic Interpretation I

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs

Prerequisite: None

A comprehensive course in radiologic interpretation of developmental and pathologic lesions of the jaws and associated structures.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

OMTP5001. Treatment Planning I

2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: None

This course logically builds on the principles associated with the Diagnostic Method and Data Collection. The intent of the course is to review and amplify these concepts, with emphasis on data analysis/correlation, diagnosis, prognosis, and fundamentals of problem based dental/orofacial treatment planning.

Grading System: ABCDF

OMTP5002. Treatment Planning II

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: None

This course familiarizes students with the basics of treatment plan presentation. Patient management, communication skills and aids frequently used in case presentation will be discussed.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

VOD5001. Vocational Opportunities in Dentistry 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

A seminar course emphasizing opportunities in the profession of dentistry.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

EDS5901. Emergency Dental Services

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: None

The Emergency Dental Services (EDS) provides students with the experiences necessary for them to be competent in the prevention and management of dental emergencies. During rotation through the clinic, the student will encounter and treat the majority of dental emergencies which are commonly seen in dental practice including those of pulpal and periodontal origin, traumatic origin and those resulting from treatment failures.

Grading System: ABCDF

EDS5902. Emergency Dental Services

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: None

The Emergency Dental Service (EDS) provides students with the experiences necessary for them to be competent in the prevention and management of dental emergencies which may be encountered in dental practice. The service exposes each student to the majority of dental emergencies including those of pulpal and periodontal origin, traumatic origin and those resulting from treatment failures.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

ENDO5001. Fundamentals of Endodontics1 lecture hrs | 4 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: None*

This course will introduce the student to the field of endodontics through lecture sessions and laboratory projects. At the conclusion of the course, the student shall be competent in the performance of endodontic procedures on extracted teeth. The student then will be scheduled in the Endodontic Block Clinic for endodontic treatment on extracted teeth mounted in the endodontic dentiform (endodontic simulations).

Grading System: ABCDF

ENDO5002. Endodontic Seminar0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs*Prerequisite: None*

Seminars cover such topics as alternative endodontic techniques, endodontic surgery, rationale for case referral, and endodontic diagnosis. Students are also introduced to the endodontic literature with assignments of written reports of articles in the Journal of Endodontics.

Grading System: ABCDF

ENDO5901. Endodontic Clinic0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs*Prerequisite: None*

This course consists of the completion of the Diagnostic Testing Exercise which includes performing endodontic diagnostic testing on a classmate and the performance of simulated clinical procedures on nonmolar extracted teeth mounted in the Endodontic Dentiform.

Grading System: ABCDF

ENDO5902. Endodontic Clinic0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: None*

This course consists of the performance of simulated clinical endodontic procedures on extracted molar teeth mounted in the Endodontic Dentiform. Complete details for the preparation of the Endodontic Dentiform are published in the Endodontic Clinic Manual. The successful completion of this course is a prerequisite prior to treating patients in the Endodontic Clinic.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

GER5001. Introduction To Geriatric Dentistry

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: None

This course is an introduction to theories, related changes and special challenges of the aging process. Topics include demography and epidemiology, root surface caries, special pharmacological considerations, sensory deficits and functional declines, psychosocial issues, dementia, treatment planning and management for the frail, functionally dependent and biologically compromised older adult.

Grading System: ABCDF

**GER5901. Geriatric Dentistry Outreach
Elective**

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

Grading System: ABCDF

[Return to Course Descriptions Home](#)

IMPL5001. Introduction To Oral Implantology

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: None

This is a lecture course designed to introduce the basic concepts and principles related to dental and oral implantology. Historical perspectives, implant biomaterials and devices, principles of placement, reconstruction and maintenance, current problems, controversies and research directions are among the topics included.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

OMD5001. Principles of Personal Prevention

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

The course provides students with the basic concepts necessary to understand the relationships between a variety of preventive measures, a healthier, safer lifestyle and a more rewarding career in dentistry.

Grading System: Satisfactory/Unsatisfactory

OMD5002. Oral Diagnosis I

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

An introduction to the technique of oral physical examination and collection of diagnostic data, oral diagnosis and treatment planning, so that students are prepared, with close supervision, to provide comprehensive oral examinations of patients in the MCG Dental Clinic.

Grading System: ABCDF

OMD5003. Nutrition

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

In this course various aspects of nutritional counseling with patients are practiced. Major nutritional problems encountered in the clinical practice of dentistry are discussed.

Grading System: ABCDF

OMD5004. Oral Medicine: The Medically Compromised Patient

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: None

Oral Medicine is the part of dentistry involved in the diagnosis and treatment of primary and secondary diseases involving the oral and paraoral structures. The practice of oral medicine includes the application of knowledge of pathophysiology of disease, pharmacotherapeutics and dental sciences, which leads to the establishment of a diagnosis, management of the condition, and maintenance of the patient's health. The goal of this course is a review of the etiology, pathogenesis and medical management of systemic diseases which have implications in dental practice and to focus on the dental and oral health management of these patients. This includes coordination of care with other involved health care providers.

Grading System: ABCDF

OMD5005. Oral Medicine0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs*Prerequisite: None*

This course presents methods for assessing and managing the oral soft tissue pathology, mucosal diseases, and oral manifestations of systemic disease which clinicians are likely to encounter in a general dental practice. It develops the basic concepts of differential diagnosis in order to rank probable diagnoses and presents appropriate methods of therapy. It applies the knowledge gained in oral pathology, pharmacology, and systemic pathology to clinical situations.

Grading System: ABCDF

OMD5006. Senior Oral Medicine Case Presentations0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: None*

In this course, each student presents a documented case to other students and faculty in which he has applied the principles of treatment planning, patient-student interaction and techniques of oral reconstructive procedures.

Grading System: ABCDF

OMD5901. Oral Medicine Clinic0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs*Prerequisite: None*

This course trains the students in clinical techniques of oral physical examination, collection of diagnostic data, treatment planning, and patient management.

Grading System: ABCDF

OMD5902. Oral Medicine Clinic0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs*Prerequisite: None*

This course continues the students training in clinical techniques of oral physical examination, collection of diagnostic data, treatment planning, and patient management.

Grading System: ABCDF

OMD5903. Oral Medicine Clinic0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

This course continues the students training in clinical techniques of oral physical examination, collection of diagnostic data, treatment planning, and patient management.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

OSD5001. Local Anesthesia

2 lecture hrs | 0 lab hrs | 1 clinical hrs | 1 credit hrs

Prerequisite: None

The clinical techniques of local anesthetic administration for dentistry are presented in lecture and performed in the laboratory.

Grading System: ABCDF

OSD5002. Fundamentals of Oral Surgery

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: None

This course provides basic information necessary to complete clinical requirements in oral surgery and in nitrous oxide conscious sedation, and subsequently perform those techniques within the scope of a general practitioner.

Grading System: ABCDF

OSD5003. Advanced Oral Surgery

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

An overview of surgical techniques and procedures that are performed by specialists in Oral and Maxillofacial Surgery.

Grading System: ABCDF

OSD5901. Oral Surgery Clinic

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This course continues the student's training in clinical techniques of oral physical examination, collection of diagnostic data, treatment planning and patient management.

Grading System: ABCDF

OSD5902. Oral Surgery Clinic

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This course is a continuation of Oral Surgery Clinic activity.

Grading System: ABCDF

OSD5903. Oral Surgery Hospital Clinic

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

A full-time, one week activity introducing the hospital dentistry and the role of the dentist in the hospital. Students are assigned to dental services at University Hospital and Medical College of Georgia Hospital and Clinics where they help treat oral surgery patients in the clinics, emergency rooms, and operating rooms. Students become familiar with admission and discharge of patients, the hospital chart, initiating hospital orders and obtaining and providing consultations for other hospital services. Two students at a time participate in the clerkship. The week extends from 7:00 a.m. Monday to noon Saturday. Students are on call 24 hours a day.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

ORTH5001. Orthodontics I

2 lecture hrs | 1 lab hrs |
0 clinical hrs | 2 credit hrs

Prerequisite: None

This course is an introduction to orthodontics and is designed to provide the student with the knowledge base necessary to identify existing and developing problems associated with dental and/or skeletal malocclusions.

Grading System: ABCDF

ORTH5002. Orthodontics II

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs

Prerequisite: None

This is a lecture and laboratory course designed to acquaint the student with the indications for and usage of various orthodontic treatment modalities. Basic orthodontic biomechanical principles and their application will be presented. Special emphasis will be placed on the management of adjunctive orthodontic procedures which the student will be performing in clinic. Laboratory projects will provide a hands on simulation of adjunctive orthodontic techniques presented in lecture.

Grading System: ABCDF

ORTH5901. Orthodontic Clinic

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: None

The predoctoral orthodontic clinical experience provides the student with the opportunity to participate in the treatment of a patient with relatively uncomplicated dentoalveolar problems, involving primarily adjunctive or interceptive orthodontic treatment

Grading System: ABCDF

[Return to Course Descriptions Home](#)

PEDO5001. Preclinical Pediatric Dentistry

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: None

This course is designed to provide the didactic material and laboratory techniques necessary to prepare the students to diagnose, treatment plan and provide dental treatment for the typical child patient.

Grading System: ABCDF

PEDO5002. Pediatric Dentistry Seminar

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This seminar course reviews, updates and expands into areas beyond those covered in the preclinical pediatric dentistry course. Aspect of children's dentistry which are covered include: growth and development; pathology: pulp and trauma management; caries, prevention and restorative dentistry; tooth development, periodontology and oral surgery; child behavior; tooth eruption and diastemas; crossbites and space maintenance; occlusion, cephalometrics and serial extraction; radiology; and orthodontics and relapse.

Grading System: ABCDF

PEDO5003. Dentistry for the Disabled Patient

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

The goal of this course is to sensitize the dental student to the needs of developmentally and physically disabled patients and to provide essential information pertaining to dental care for these patients.

Grading System: ABCDF

PEDO5901. Pediatric Dentistry Clinic

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

The purpose of this course is to provide opportunities for the students to diagnose, treatment plan and provide dental treatment for the typical child patient.

Grading System: ABCDF

PEDO5902. Pediatric Dentistry Clinic

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

This course provides additional opportunities for students to diagnose, treatment plan and provide comprehensive dental treatment for the typical child patient.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

PER5001. Fundamentals of Periodontology1 lecture hrs | 3 lab hrs |
4 clinical hrs | 3 credit hrs*Prerequisite: None*

This course provides lectures, seminars, laboratories and clinical exercises to introduce the student to periodontology. Lecture topics include epidemiology and classification of periodontal diseases, periodontal pathology and etiology, assessment of etiological factors such as medical and dental history, soft tissue exam probing depth, clinical attachment levels, recession, bleeding, mobility, furcations, introgens, charting and radiographs, diagnosis and prognosis, scaling and root planing instrumentation, treatment planning, periodontal clinic protocol, plaque control and special ODC, response to instrumentation, maintenance of the patient, considerations in restorative and prosthetic treatment and behavior modification. Seminars provide discussion on treatment planning and reviews of periodontology. Laboratories provide for development of the student's understanding of clinical color changes, probing, root surface instrumentation and its differentiation from enamel surface instrumentation, practical exercises in instrumentation along with calculus removal, demonstrations of the proper instrument sharpening technique and instrument care. Clinical exercises include a color assessment, probing exercise, practical scaling/polishing on a paired student and treatment on two actual scale/polish patients.

Grading System: ABCDF

PER5002. Surgical Periodontics1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: None*

This course is designed to introduce the student to basic surgical techniques available to manage selected periodontal cases. Material covered will include surgical techniques such as the gingivectomy, Modified Widman Flap, open flap curettage, apically positioned flap, etc. The laboratory exercise in this course is designed to provide the student with an opportunity to gain limited hands-on pre-clinical surgical experience.

Grading System: ABCDF

PER5003. Contemporary Topics in Periodontology0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: None*

Lectures are presented on surgical protocol, acute periodontal conditions, early onset periodontitis, HIV and periodontal disease, diabetes and periodontal disease, trauma from occlusion, furcation management and periodontal regeneration. Lecture and laboratory exercises on ultrasonic instrumentation are presented. Controversies in periodontics are discussed.

Grading System: ABCDF

PER5004. Periodontology in a General Practice

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs

Prerequisite: None

This course reviews and updates periodontal subjects in seminar discussions with emphasis on clinical application and patient care in the private practice setting. Senior dental students and dental hygienists cooperate in the treatment of patients on a maintenance schedule. Emphasis is placed on solving clinical periodontal problems of patients.

Grading System: ABCDF

PER5901. Periodontic Clinic

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

This is a clinical course in which the student, under faculty supervision, can adequately diagnose his/her patients periodontal conditions and provide treatment for mildly involved cases. The need for early treatment, effective patient performed disease control measures, and timely dentist-provided maintenance care is emphasized.

Grading System: ABCDF

PER5902. Periodontic Clinic

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs

Prerequisite: None

This is a clinical course in which the student, under faculty supervision, can diagnose his/her patients' periodontal conditions and treat mildly involved cases. The need for early treatment, effective patient-performed disease-control measures, timely dentist-provided maintenance care and the positive outcome deriving from them is emphasized. The student is expected to make continuing progress toward fulfilling department graduation requirements.

Grading System: ABCDF

PER5903. Periodontic Clinic

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

This is a clinical course in which the student, under faculty supervision, is expected to adequately diagnose his or her patients' periodontal conditions, plan and satisfactorily provide treatment for mildly involved cases, gain a minimum of surgical experience and demonstrate competency in root planing. The student must demonstrate satisfactory maintenance of the periodontal health for all assigned cases.

Grading System: ABCDF

PER5904. Periodontic Clinic

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: None

This course is designed to allow the student the opportunity to complete the senior year requirements and to begin preparing for the regional boards. The course is confirmation of the student clinical skills and knowledge, and assessment of the ability of the student to perform both quality dentistry and a quantity of dentistry with a given time period.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

PRO5002. Removable Partial5 lecture hrs | 3 lab hrs | 0 clinical
hrs | 5 credit hrs*Prerequisite: None*

This laboratory technique course stresses the fundamentals of proper RPD design and fabrication. Emphasis is on examination, diagnosis, sequential treatment planning and mouth preparation including occlusal modification to assure optimal stability and occlusal harmony of the RPD(s) in function.

Grading System: ABCDF

PRO5003. Complete Dentures1 lecture hrs | 1 lab hrs | 2 clinical
hrs | 3 credit hrs*Prerequisite: None*

This course extends the previously taught didactic and laboratory procedures to the clinic. A complete maxillary and mandibular denture is fabricated for an edentulous patient with major emphasis on correlating for the patient's biological milieu with the clinical aspects of complete prosthodontics.

Grading System: ABCDF

PRO5004. Advanced Prosthodontics0 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: None*

This course utilizes concepts from earlier courses as a starting point. It will seek to round out and complete the students' prosthodontic experience.

Grading System: ABCDF

PRO5901. Prosthodontic Clinic0 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: None*

The student will examine a patient requiring removable prosthodontic care. The student will then design, construct and insert two units of removable prosthodontics, under faculty supervision, by the posted semester insertion deadline.

Grading System: ABCDF

PRO5902AB. Prosthodontic Clinic0 lecture hrs | 0 lab hrs |
3 clinical hrs | 2 credit hrs*Prerequisite: None*

The student will examine patients requiring removable prosthodontic care. The student will then design, construct and insert three additional units of removable prosthodontics (total of 9) by the end of the 11th semester. Two of these units will be designated as a Test Case and will be considered the Patient Related Competency for this course. The Test case will be observed and competency evaluated at five points: maxillary final impression, mandibular final impression, jaw relation records, wax try-in, and insertion. Additionally an RPD recall, or an acceptable substitute, must be completed by the end of the semester.

Grading System: ABCDF

PRO5902BB. Prosthodontic Clinic

0 lecture hrs | 0 lab hrs |
3 clinical hrs | 2 credit hrs

Prerequisite: None

The student will examine patients requiring removable prosthodontic care. The student will then design, construct and insert three additional units of removable prosthodontics (total of 9) by the end of the 11th semester. Two of these units will be designated as a Test Case and will be considered the Patient Related Competency for this course. The Test case will be observed and competency evaluated at five points: maxillary final impression, mandibular final impression, jaw relation records, wax try-in, and insertion. Additionally an RPD recall, or an acceptable substitute, must be completed by the end of the semester.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

RES5001. Operative Dentistry2 lecture hrs | 6 lab hrs | 0 clinical
hrs | 6 credit hrs*Prerequisite: None*

Principles and techniques of conservative cavity preparation and restoration of teeth with silver amalgam and esthetic restorative materials are taught in the course. Laboratory treatment of simulated permanent teeth and extracted human teeth is utilized to teach basic restorative concepts.

Grading System: ABCDF

RES5002A. Fixed Prosthodontics I1 lecture hrs | 3 lab hrs |
0 clinical hrs | 7 credit hrs*Prerequisite: None*

Students are introduced to principles and techniques encountered in the preparation of teeth and subsequent fabrication and delivery of gold castings and provisional restorations for posterior single-tooth restorations, as well as the preparation of posterior teeth for a cast gold fixed partial denture.

Grading System: ABCDF

RES5003A. Fixed Prosthodontics II2 lecture hrs | 6 lab hrs |
0 clinical hrs | 4 credit hrs*Prerequisite: None*

Lecture and laboratory segments present fundamentals of abutment preparation, retainer and pontic design for fabrication of fixed partial prostheses and single units in all metal and ceramic veneers on vital and endodontically treated teeth.

Grading System: ABCDF

RES5004. Fixed Prosthodontic Seminar0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: None*

This course is to provide the dental student introductory knowledge on clinical crown and bridge dentistry. It presents the fundamental aspects of clinical fabrication of a fixed partial prosthesis. Laboratory courses taught are designed to develop psychomotor and cognitive knowledge of the student, with primary emphasis on mastering laboratory simulated clinical procedures.

Grading System: ABCDF

RES5005. Esthetic Restorative Dentistry0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: None*

The goal of this course is to provide an exposure of the special didactic and clinical requirements of esthetic restorations such as: all ceramic- full-coverage crowns, porcelain veneers, direct posterior composites, custom characterization and glazing of porcelain restorations, and vital bleaching procedures. In addition, students will learn to evaluate and document the esthetic needs of patients through the use of a Smile Analysis and intra-oral photography. Periodontal considerations for esthetic rehabilitation will be reviewed.

Grading System: ABCDF

RES5006. Restorative Seminar0 lecture hrs | 0 lab hrs | 0 clinical hrs |
1 credit hrs*Prerequisite: None*

This lecture/seminar course reviews advances and research in restorative materials and techniques.

Grading System: ABCDF

RES5901. Restorative Clinic0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 5 credit hrs*Prerequisite: None*

The purpose of this clinical course during the junior year is to provide the student with the opportunity to gain clinical experience and skill while demonstrating independent clinical knowledge and technical skills for a variety of indirect and direct restorative procedures.

Grading System: ABCDF

RES5902. Restorative Clinic0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 5 credit hrs*Prerequisite: None*

The purpose of this clinical course during the junior year is to provide the student with the opportunity to gain clinical experience and skill while demonstrating independent clinical knowledge and technical skills for a variety of indirect and direct restorative procedures.

Grading System: ABCDF

RES5903. Restorative Clinic

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 7 credit hrs

Prerequisite: None

This course is designed to allow the student the opportunity to complete the senior year requirements and to begin preparing for the regional boards. The course is confirmation of the student clinical skills and knowledge, and assessment of the ability of the student to perform both quality dentistry and a quantity of dentistry with a given time period.

Grading System: ABCDF

RES5904. Restorative Clinic

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 7 credit hrs

Prerequisite: None

Students provide a variety of restorative procedures to patients in a supervised comprehensive clinical environment. Procedures include direct composites and amalgams and indirect crown and bridge.

Grading System: ABCDF

[Return to Course Descriptions Home](#)



Guide to Course Descriptions

School of Graduate Studies

Discipline	Prefix
Allied Health Sciences, Graduate	AHS
Biochemistry and Molecular Biology, Graduate	BMB
Cellular Biology and Anatomy, Graduate	ANM
Dental Hygiene, Graduate	DHY
Graduate Education for Health Sciences	EDU
Graduate Endocrinology	END
Graduate Oral Biology	OBMP
Graduate Radiologic Sciences	RAD
Graduate Sciences	SGS
Graduate Statistics	STA
Health Information Management, Graduate	HIM
Medical Illustration	MIL
Medical Microbiology	IMMB
Medical Technology, Graduate	MTCG
Molecular Medicine	MOL
Nursing, Graduate	NSG
Occupational Therapy, Graduate	OTH
Oral Biology, Graduate	OBG
Pharmacology, Graduate	PHM
Physical Therapy, Graduate	GPT
Physical Therapy, MPT Courses	MPT
Physician Assistant, Graduate	PAD
Physiology, Graduate	PHY
Respiratory Therapy, Graduate	RTH
Vascular Biology	VBI

[Return to Course Descriptions Home](#)

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Please email comments, suggestions or questions to Rita Garner,
registrar@mail.mcg.edu

June 23, 2003

AHS7000. Health Care Administration and Management0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 - 3 credit hrs*Prerequisite: None*

A problem-based course in women's health open to allied health professional students. Course will be offered on-line, enabling students to complete the learning activities in their own time. Asynchronous and/or synchronous discussion will enable participants to identify common learning issues, and discuss patient evaluation and management options. Learning resources will be available on-line.

Grading System: ABCDF

AHS9010. Research Seminar2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: Statistics courses*

Phenomena relevant to allied health investigators are discussed. Emphasis is placed on identifying researchable problems and research strategies.

Grading System: ABCDF

AHS9020. Methods of Research3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: Statistics courses (one course may be concurrent with AHS9020)*

The systematic examination of the research process and methodologies appropriate to allied health professions. Emphasis is placed upon the interrelationship among the components of the research process. Learning experiences include the critical analysis of research studies and the development of research proposal.

Grading System: ABCDF

AHS9050. Seminar in Allied Health Professions Education 1-0-0-10 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 - 2 credit hrs*Prerequisite: None*

Through readings, discussion, and student presentations, the unique aspects of professional education will be explored. The contributions to professional education from pedagogy, andragogy, behaviorism, humanism, and other pertinent philosophies will be discussed.

Grading System: ABCDF

AHS9100. Research Practicum

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 - 5 credit hrs

Prerequisite: AHS9020 (may be concurrent)

Enables students to pursue in depth the area (clinical, laboratory, community) and/or populations relevant to their research interests. Must be approved by the student's major professor prior to registration for the course.

Grading System: ABCDF

AHS9200. Special Project

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 - 4 credit hrs

Prerequisite: None

Independent development of a project through the application of the problem-solving process or application of the formal research process in conducting a study in theory, practice, or education.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

BMB7450. Medical Biochemistry8 lecture hrs | 0 lab hrs |
0 clinical hrs | 7 credit hrs*Prerequisite: None*

Covers the chemistry and reactions of the constituents of living matter, metabolism and control mechanisms at levels of biological organization from subcellular to organism.

Emphasis on medical application.

Grading System: ABCDF

BMB8010. Core Biochemistry and Molecular Biology5 lecture hrs | 0 lab hrs |
0 clinical hrs | 5 credit hrs*Prerequisite: None*

The first course of a two course sequence that covers the chemistry of the constituents of living matter, intermediary metabolism and molecular biology. Topics covered during the course include protein chemistry, enzyme kinetics, lipid chemistry, structure and properties of nucleic acids, and metabolic regulation.

Grading System: ABCDF

BMB8020. Core Biochemistry and Molecular Biology5 lecture hrs | 0 lab hrs |
0 clinical hrs | 5 credit hrs*Prerequisite: None*

The continuation course of a two course sequence covering the chemistry of the constituents of living matter, intermediary metabolism and molecular biology. Topics covered include the metabolism of macromolecules, membrane function, gene structure and the regulation of gene expression.

Grading System: ABCDF

BMB8201. Current Topics and Techniques in Molecular Biology3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: Medical Biochemistry, BMB 8010, BMB 8020*

The continuation course of a two course sequence covering the chemistry of the constituents of living matter, intermediary metabolism and molecular biology. Topics covered include the metabolism of macromolecules, membrane function, gene structure and the regulation of gene expression.

Grading System: ABCDF

BMB8260. Introduction to Research in Biochemistry and Molecular Biology

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: BMB 8010

An overview of current techniques in biochemical and molecular biological laboratory investigations and standard laboratory practices.

Grading System: ABCDF

BMB8280. Neurochemistry

5 lecture hrs | 0 lab hrs |
0 clinical hrs | 5 credit hrs

Prerequisite: Basic biochemistry or chemistry recommended

Brain structure, myelinogenesis, synaptic structure and function, receptors, neurotransmitter synthesis, action, molecular biology, research methodology for neurochemistry and neuroscience.

Grading System: ABCDF

BMB8900. Workshop in Biochemistry and Molecular Biology

1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: Medical Biochemistry

An in-depth review of research in selected areas of biochemistry and molecular biology. Emphasis is on student presentations. Students are required to present literature reviews and/or original research papers on assigned topics.

Grading System: ABCDF

BMB9010. Seminar in Biochemistry and Molecular Biology

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Research presentations by MCG faculty, students and visiting research scientists.

Grading System: Satisfactory/Unsatisfactory

BMB9020. Seminar in Biochemistry and Molecular Biology

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Research presentations by MCG faculty, students and visiting research scientists.

Grading System: Satisfactory/Unsatisfactory

BMB9210A. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Admission in a graduate program

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

BMB9210B. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Admission in a graduate program

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

BMB9300A. Research

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Permanent assignment to a specific lab with a faculty advisor and a defined research project.

The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of a Ph.D. dissertation or M.S. thesis.

Grading System: Satisfactory/Unsatisfactory

BMB9300B. Research

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Permanent assignment to a specific lab with a faculty advisor and a defined research project.

The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of a Ph.D. dissertation or M.S. thesis.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

ANM6500. Musculoskeletal Anatomy1 lecture hrs | 3 lab hrs | 0 clinical hrs |
4 credit hrs*Prerequisite: None*

Grading System: ABCDF

ANM6500X. Musculoskeletal Anatomy1 lecture hrs | 3 lab hrs | 0 clinical hrs |
4 credit hrs*Prerequisite: None*

Grading System: ABCDF

ANM7010. Human Gross Anatomy4 lecture hrs | 6 lab hrs | 0 clinical
hrs | 7 credit hrs*Prerequisite: None*

Study of the Anatomy of the Human Body as applicable to Clinical Practice. Lectures, laboratory and demonstration materials are directed studies.

Grading System: ABCDF

ANM7030. Neuroanatomy5 lecture hrs | 1 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Course must be taken with PHY 7030*

A lecture and laboratory course to provide an understanding of the structure, function and dysfunction of the human nervous system. It is taught with PHY 7030 to integrate structure and function. These two courses are taught as ITD-550 for medical students, which includes clinical neurology. ANM 703 and PHY 703 must be taken together.

Grading System: ABCDF

ANM7040. Graduate Neuroanatomy6 lecture hrs | 6 lab hrs |
0 clinical hrs | 4 credit hrs*Prerequisite:*

An in-depth study of the central and peripheral nervous system as related to functional and clinical neurology. Lectures are based on 18 units of the nervous system as covered in the course textbook. Laboratories consist of the study of the surface anatomy of the brain, spinal cord and peripheral nervous system. Internal structures of the brain and spinal cord are studied in coronal, sagittal and axial sections, as well as x-rays, CT-scans and MRI series. The second half of the laboratory is devoted to special dissections of nuclei, tracts and other internal structures of the brain and spinal cord.

Grading System: ABCDF

ANM7710. General Immunology2 lecture hrs | 1 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: None*

Introduction to the components of the immune system, control of the immune system, and clinical aspects of host defenses.

Grading System: ABCDF

ANM8010. Special Topics in Anatomy

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 4 credit hrs

Prerequisite: None

Discussion and analysis of current research areas.

Grading System: Satisfactory/Unsatisfactory

ANM8020. Introduction To Research2 lecture hrs | 0 lab hrs | 0 clinical hrs |
2 credit hrs*Prerequisite: None*

Discussion and analysis of current research areas

Grading System: ABCDF

ANM8050. Cell Biology and Development3 lecture hrs | 3 lab hrs |
0 clinical hrs | 7 credit hrs*Prerequisite: Cell Biology, Biochemistry and/or Gross Anatomy, or permission of the course director.*

The microscopic anatomy and development of all human organ systems as well as the cellular biology of various tissues and organs are taught in detail. In addition, early human development and systemic development will be considered in detail. Cellular biology, as it relates to anatomic structure, will be presented.

Grading System: ABCDF

ANM8080. Retinal Cell Biology

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Core Cell Biology

Focuses on the retina as a model for research on CNS cellular functional and growth.

Grading System: ABCDF

ANM8120. Advanced Topics in Immunology 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: General immunology or permission of instructor

This course gives an in-depth coverage of the components of the immune system

Grading System: ABCDF

ANM8150. Molecular and Cellular Virology 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Functional Cell Biology I and II, or Medical Biochemistry, or Medical Microbiology

Lectures on selected topics and discussion of current research papers. Topics reflect the use of animal viruses as model systems to understand cellular functions at a molecular level.

Grading System: ABCDF

ANM9010. Seminar in Cellular Biology and Anatomy 1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Forum for faculty and graduate students to present their research.

Grading System: Satisfactory/Unsatisfactory

ANM9210A. Investigation of a Problem lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Admission in a graduate program

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

ANM9210B. Investigation of a Problem lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Admission in a graduate program

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

ANM9300. Research 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 12 credit hrs

Prerequisite: Permanent assignment to a specific lab with a faculty advisor and a defined research project.

The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of a Ph.D. dissertation or M.S. thesis.

Grading System: Satisfactory/Unsatisfactory

ANM9300A. Research 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 12 credit hrs

Prerequisite: Permanent assignment to a specific lab with a faculty advisor and a defined research project.

The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of a Ph.D. dissertation or M.S. thesis.

Grading System: Satisfactory/Unsatisfactory

ANM9300B. Research 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 12 credit hrs

Prerequisite: Permanent assignment to a specific lab with a faculty advisor and a defined research project.

The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of a Ph.D. dissertation or M.S. thesis.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

DHY8000. Clinical Dental Hygiene2 lecture hrs | 0 lab hrs | 4 clinical
hrs | 3 credit hrs*Prerequisite: Admission to program*

This course is designed to equip the graduate student with the background knowledge, competencies, and attributes essential for the delivery of clinical dental hygiene instruction in a variety of settings. Emphasis is placed on development of the student's observational and instructional skills in recognizing and developing a task analysis approach to all clinical procedures. Information will be presented through seminar and clinical activities.

Grading System: ABCDF

DHY8030. Dental Hygiene Leadership3 lecture hrs | 0 lab hrs | 0 clinical hrs |
3 credit hrs*Prerequisite: Admission to the program*

A study of current leadership roles and issues impacting the dental hygiene profession.

Grading System: ABCDF

DHY8090. Advanced Clinical Field Experience2 lecture hrs | 0 lab hrs | 4 clinical
hrs | 3 credit hrs*Prerequisite: Admission to the program*

Individually designed to provide management and clinical experiences at area hospitals, institutions, or public health agency to fit supervisory and/or clinical interests of the student. The project is co-supervised by an appropriate member of the medical/dental faculty

Grading System: ABCDF

DHY9210. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 4 credit hrs

Prerequisite: Enrollment in the M.S. or M.H.E program; approval of major advisor

Investigation of a topic of particular interest to the individual student's area of study. The topic, activities to be undertaken, and evaluation methods will be determined collaboratively by the student, major advisor, and tutorial faculty member if on is involved.

Grading System: Satisfactory/Unsatisfactory

DHY9250. Project in Dental Hygiene

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 - 4 credit hrs

Prerequisite: AHS9010 Research Seminar; statistics course(s); proposal accepted by the student's committee

This course requires the satisfactory completion of an original project in dental hygiene. Results of the study and a critical review of the pertinent literature are incorporated into the student's work. The study must be of publishable quality.

Grading System: ABCDF

DHY9300. Thesis

lecture hrs | lab hrs | clinical hrs | 1 - 4 credit hrs

Prerequisite: Completion of required course work. Research Proposal approved by student's committee.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

EDU6210. Group Dynamics3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: Admission to School of Graduate Studies*

This course is designed for graduate students to build on their previous academic, personal and professional experience in small group activities. The focus is on the theoretical content of group dynamics. Different types of groups are defined and discussed. The ethical and professional issues of leadership are explored in group work. Students are provided with the opportunity for experiential group processes.

Grading System: ABCDF

EDU7000. Curriculum and Instruction in Higher Education3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: None*

The purpose of this course is to provide the learner with a foundation regarding curriculum or program development and instructional theory. The learner also is provided with opportunities for role development through learning activities which exemplify roles of a professional educator regarding curriculum and instruction.

Grading System: ABCDF

EDU7001. Methods of Evaluation in Higher Education4 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: EDU7000 (may be concurrent)*

This course focuses on the analysis and construction of instruments appropriate for the evaluation of student classroom and clinical performance. Issues considered include reliability, validity, item analysis, use of scales and other observational tools, setting of performance standards, and assignment of grades. The role of the instructor in student evaluation is discussed throughout the course.

Grading System: ABCDF

EDU7003. Teaching Practicum1 lecture hrs | 4 lab hrs | 0 clinical
hrs | 1 - 3 credit hrs*Prerequisite: EDU7000, EDU7006 (may be concurrent)*

Develops the student's teaching skills in classroom and clinical setting. The overall goal is to enhance the impact the graduate student has on his/her students in attitudes, skills and content knowledge. The student is expected to use content from previous courses such as: curriculum development and measurement and evaluation.

Grading System: ABCDF

EDU7005. The Adult As a Learner

3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: None

Assists health care practitioners in applying the body of knowledge related to adult learning to settings in which they will be teaching and practicing. Helps students analyze theories of adult learning, learning needs, goals, strategies and evaluation plans suitable for the adult learner.

Grading System: ABCDF

EDU7006. Instructional Processes

2 lecture hrs | 2 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: EDU7000 or permission of the instructor.

Focuses on teaching strategies and the instructional process. Emphasizes course planning and factors that influence selection of appropriate instructional methods, including the use of multi-media and other instructional technology.

Grading System: ABCDF

EDU7020. Health Informatics and Utilization of Electronic T

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 5 credit hrs

Prerequisite: Admission to the School of Graduate Studies

Access to WWW

Grading System: ABCDF

EDU9200. Special Project

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 - 4 credit hrs

Prerequisite: None

Independent development of a project through the application of the problem-solving process or application of the formal research process in conducting a study in theory, instruction, or some other aspect of the education process.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

END9210A. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Admission to a graduate program

This course is a laboratory rotation course that allows students to spend time during their first year in a faculty member's lab.

Grading System: Satisfactory/Unsatisfactory

END9210B. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Admission to a graduate program

This course is a laboratory rotation course that allows students to spend time during their first year in a faculty member's lab.

Grading System: Satisfactory/Unsatisfactory

END9300A. Research

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Permanent assignment to a specific lab with a faculty advisor and a defined research project.

The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of a Ph.D. dissertation or M.S. thesis.

Grading System: Satisfactory/Unsatisfactory

END9300B. Research

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Permanent assignment to a specific lab with a faculty advisor and a defined research project.

The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of a Ph.D. dissertation or M.S. thesis.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

OBMP7210. Applied Pathology3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: None*

This course includes lectures and clinico-pathological conferences on the basic principles of disease, relevant histopathology and the underlying mechanism at the cellular and subcellular levels. The topics include cell pathology, inflammatory process, hemodynamic disturbances, genetic and metabolic disorders and neoplasia. In addition, pathology of the systemic organs is covered.

Grading System: ABCDF

OBMP8001. Topics in Oral Biology I2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: D.M.D., D.D.S., or equivalent; 2 years dental school for combined programs.*

This course is composed of three blocks. The first block addresses hard tissue biology in which the anatomy, physiology, and biochemistry of bone and teeth are emphasized. The second block is devoted to temporomandibular joint disorders, and emphasizes the fundamental basic science that is essential in understanding the clinical problems related to the temporomandibular joint. The third block is regeneration/repair of orofacial tissues and emphasizes growth and differentiation of hard and soft tissues and the biochemical basis of wound healing.

Grading System: ABCDF

OBMP8002. Topics in Oral Biology 22 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: D.M.D., D.D.S., or equivalent; 2 yrs dental school for combined programs.*

The course is composed of two blocks. The first block is hemostasis and bleeding disorders which deals with fundamental concepts in the biochemistry, anatomy and physiology of the hemostatic response and bleeding disorders. The second block is orofacial infections in which the types of orofacial infections along with the causative agents, the role of lymphatic and other anatomic structures in the spread of infection, host defense mechanisms and anti-microbial therapies are presented.

Grading System: ABCDF

OBMP8003. Topics in Oral Biology 32 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: D.M.D., D.D.S., or equivalent; 2 yrs. dental school for combined programs.*

The course is composed of three major blocks. The first block is a series of lectures on pain and anxiety management in dentistry. The second block addresses the dental management of the medically complex patient. The third block covers salivary gland function in health and disease.

Grading System: ABCDF

OBMP8004. Topics in Oral Biology 4

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: None

The course is composed of two blocks. The first block is a series of lectures related to molecular pathology. The second block emphasizes genetics as it relates to orofacial anomalies and defects. This course is a multidisciplinary approach to these topics.

Grading System: ABCDF

OBMP8100. Special Topics in Oral Biology

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: None

This course introduces the Master of Science graduate student to basic statistical concepts. In addition, selected computer software is used by the student to perform statistical analyses.

Grading System: ABCDF

OBMP8540. Advanced Oral Pathology

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: None

The course is comprised of a series of lectures on Advanced Oral pathology with emphasis on the etiology, mechanisms, and state of the art diagnostic measures and prognostic evaluation.

Grading System: ABCDF

OBMP8640. Research Proposal Development

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: None

This course presents the entering oral biology graduate students with the range of opportunities available on campus (facilities, faculty, and instrumentation/techniques) to them to pursue for the purposes of fulfilling their Master's or Doctoral research requirements. Additional topics to be covered include fundamentals of computer literacy required to develop, present, and perform an acceptable, graduate-level research project: word processing, spreadsheet software, computer presentation programs, and reference management. Also, the student will be presented with facilities to perform on-line data searching. A series of short presentations concerning frequently utilized statistical methods will be presented. The student will also be introduced to the basics of structure, organizations, and format of an acceptable research proposal and manuscript.

Grading System: Satisfactory/Unsatisfactory

OBMP9010. Seminar in Oral Biology

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This course consists of several one hour seminars that will be presented by dental faculty, graduate students and invited lecturers. The seminar topics will be related to the research being conducted by each presenter

Grading System: Satisfactory/Unsatisfactory

OBMP9020. Graduate Oral Biology Seminar

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This course consists of several one hour seminars that will be presented by dental faculty, graduate students and invited lecturers. The seminar topics will be related to the research being conducted by each presenter.

Grading System: Satisfactory/Unsatisfactory

OBMP9020. Graduate Oral Biology Seminar

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This course consists of several one hour seminars that will be presented by dental faculty, graduate students and invited lecturers. The seminar topics will be related to the research being conducted by each presenter.

Grading System: Satisfactory/Unsatisfactory

OBMP9210. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: None

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

OBMP9210A. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: None

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

OBMP9300A. Research

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Permanent assignment to a specific lab with a faculty advisor and a defined research project.

The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of a Ph.D. dissertation or M.S thesis.

Grading System: Satisfactory/Unsatisfactory

OBMP9300B. Research

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Permanent assignment to a specific lab with a faculty advisor and a defined research project.

The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of a Ph.D. dissertation or M.S thesis.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

RAD6401. Clinical Imaging Correlation2 lecture hrs | 4 lab hrs | 0 clinical
hrs | 4 credit hrs

Prerequisite: Certification by a national certifying organization in a radiologic technology profession.

The course will provide an in-depth study of diagnostic imaging with particular attention given to correlation of various imaging modalities. The student will make a study of patient parameters and physical principles that affect image quality.

Grading System: ABCDF

RAD6403. Overview of Sonograph Services1 lecture hrs | 0 lab hrs | 3 clinical
hrs | 3 credit hrs

Prerequisite: Certification by a national certifying organization in a radiologic technology profession, other than diagnostic medical sonography.

This course will be tailored to primarily fit the needs of the radiologic technology professional who desires an understanding of sonography. Subject matter includes an overview of physics, cardiovascular, abdominal, and OB/GYN sonography. This course will require clinical rotations but will not lead to clinical proficiency in any area of sonologic examinations.

Grading System: ABCDF

RAD7501. Research Techniques in Diagnostic Imaging0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 - 4 credit hrs

Prerequisite: Completion of at least one course in research statistics or permission of advisor.

The student will be introduced to research techniques utilized in diagnostic imaging through problem solving exercises in the areas of clinical management, quality assurance, or technology. Students will work as individuals and/or in groups.

Grading System: ABCDF

RAD9250. Applied Project in Diagnostic Imaging0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 - 4 credit hrs

Prerequisite: Approval of advisory committee

The student will develop, with the assistance of his/her advisor, a project related to diagnostic imaging protocols. Projects may be based on clinical utility, case management, education, or administrative functions of diagnostic imaging.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

SGS8010. Scientific Communication and Research2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: Students should be carrying out research for their thesis.*

The course encompasses the writing of abstracts and curriculum vitae, oral presentations, and analysis of the pressures which cause violations of research ethics. In addition, there is discussion of human and animal experimentation.

Grading System: ABCDF

SGS8011. Responsible Conduct of Researchlecture hrs | lab hrs | clinical
hrs | 1 credit hrs*Prerequisite: Acceptance into the School of Graduate Studies*

This course will provide an overview, via lecture and discussion, of critical issues related to the responsible conduct of research. In addition, it will fulfill the requirements established by the Office of Research Integrity and the Public Health Service for ensuring that PHS-supported researchers are provided adequate instruction in conducting responsible research and ensuring integrity of the research record.

Grading System: ABCDF

SGS8012. Scientific Communications

lecture hrs | lab hrs | clinical hrs | 1 credit hrs

Prerequisite: Acceptance into the School of Graduate Studies

This course focuses on writing and presentations skills needed for a career in biomedical sciences. It provides basic instruction in writing abstracts, curriculum vitae, and grant applications as well as how to organize and give oral scientific presentations. Also covered are basic aspects related to teaching skills needed in the biomedical classroom and laboratory.

Grading System: Satisfactory/Unsatisfactory

SGS8021. Biochemistry and Gene Regulationlecture hrs | lab hrs | clinical
hrs | 5 credit hrs*Prerequisite: Acceptance into the School of Graduate Studies*

One semester course includes metabolism: enzyme structure, kinetics and mechanisms: RNA, DNA, and protein biogenesis: DNA repair and recombination; cell cycle control, cancer genetics. Classroom time includes lectures, discussion, and demonstrations using traditional and alternative teaching methods.

Grading System: ABCDF

SGS8022. Molecular Cell Biologylecture hrs | lab hrs | clinical hrs |
5 credit hrs*Prerequisite: Acceptance into the School of Graduate Studies*

This course focuses on the study of the cell as the fundamental structural and functional unit of which all living organisms are constructed. Cell biology serves as a bridge between molecular biology, basic biochemistry, physiology, and morphology at the gross anatomical level and is increasingly a principle area of focus for biomedical research. In this course, the properties of cells are analyzed initially by viewing the structural organization, functional interactions, and biogenesis of cellular components with particular emphasis on understanding of processes involved in regulating the specific composition and interactions of cellular organelles. This forms a basis for the subsequent consideration of cell-cell interactions at the cellular and the tissue level. One semester course includes classroom time includes lectures discussion, and demonstrations using traditional and alternative teaching methods.

Grading System: ABCDF

SGS8033. Integrated Systems Biology5 lecture hrs | 2 lab hrs | clinical
hrs | 6 credit hrs*Prerequisite: Acceptance into the School of graduate Studies Ph.D program.*

One semester course includes basic anatomy, physiology, and pharmacology of all the organ systems. Special topics also covered include integrated biosystems and feedback, physiological genomics, modern drug discovery, and hot research topics. Classroom time includes lectures, discussion, and demonstrations using traditional and alternative teaching methods.

Grading System: ABCDF

SGS8034. Neuroscience2 lecture hrs | lab hrs | clinical
hrs | 2 credit hrs*Prerequisite: Acceptance into the School of graduate Studies Ph.D program.*

One semester course includes basic anatomy, physiology, and Pharmacology of the nervous system. Emphasis is placed on important areas of research interest while providing the fundamental knowledge needed for a broad understanding of neural systems. Classroom time includes lectures, discussions, and demonstrations using traditional and alternative teaching methods.

Grading System: ABCDF

SGS8035. Immunology2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: Acceptance into the School of graduate Studies Ph.D program.*

One semester course includes a range of topics related to our current state of knowledge of the immune system and the field of microbiology. Emphasis is placed on important areas of research interest while providing the fundamental knowledge needed for a broad understanding of immunology and microbiology. Classroom time includes lectures, discussions, and demonstrations using traditional and alternative teaching methods.

Grading System: ABCDF

SGS8040. Introduction to Faculty Research

4 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Acceptance into the School of Graduate Studies Ph.D. program

An introduction to all of the research topics currently being conducted by biomedical Sciences graduate faculty.

Grading System: Satisfactory/Unsatisfactory

SGS8050. Introduction to Research I

0 lecture hrs | 10 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Acceptance into the School of Graduate Studies Ph.D. program

Individualized instruction in a research or core laboratory. Students should master at least one laboratory technique and become familiar with the various activities of the laboratory.

Grading System: Satisfactory/Unsatisfactory

SGS8060. Introduction to Research II

0 lecture hrs | 10 lab hrs | 0 clinical hrs | 4 credit hrs

Prerequisite: SGS 8050

Individualized instruction in two research or core laboratories. For each laboratory, students should master at least one laboratory technique and become familiar with the various activities of the laboratory. Students will spend half of the semester in each laboratory.

Grading System: Satisfactory/Unsatisfactory

SGS8110. Physiomics and Pharmacogenomicslecture hrs | lab hrs |
clinical hrs | 3 credit
hrs*Prerequisite: Biomedical Sciences first-year core courses*

Physiomics is the study of the complex pathways linking function with gene products. Advances in genetic mapping and sequencing have given rise to the next great challenge and opportunity for physiology: to link genes and complex pathways to physiology and disease. Pharmacogenomics, in turn, holds the promise that drugs might be adapted to each person's own genetic makeup, and that genetic control can be a means of treating disease. This course will serve as a mechanism, to introduce students to these rapidly changing fields. Importantly, the course will highlight functional complexities due to gene interactions with the environment (nutrition,, aging, gender exercise, disease). Experimental aspects of scientific information will be emphasized.

Grading System:
ABCDF**SGS8120. Cardiovascular Physiology and Pharmacology**lecture hrs | lab hrs |
clinical hrs | 3 credit hrs*Prerequisite: Biomedical Sciences first-year core courses.*

Integrative study of the cardiovascular system and how drugs are used to treat cardiovascular disease. Cardiac, vascular and renal physiology will be studied in detail, and also will be integrated into an overall scheme for control of the circulation. The use of drugs as cardiovascular research tools also will be interwoven into this approach.

Grading System: ABCDF

SGS8130. Scientific Grant Writing0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 1 credit hrs*Prerequisite: Core Course or equivalent.*

Practical course on grant writing. Specific steps in writing a grant Application, from the hypothesis and Specific steps in writing a grant Application, from the hypothesis and Specific Aims through the final product, are presented and discussed as the student writes an application that will be submitted to a granting agency.

Grading System: ABCDF

SGS8210. Fundamentals of Oncology 1: The Basic Science of Oncology3 lecture hrs | 2 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: Satisfactory completion of the first year biomedical sciences core curriculum, or permission of the course director.

As the first semester of a two-semester course sequence, this course covers fundamental aspects of cancer biology with emphasis on the etiology of cancer, natural history of neoplasia, epidemiology of human malignancies, host-tumor relationships, immunobiology and principles of chemotherapy and radiotherapy.

Grading System: ABCDF

SGS8220. Fundamentals of Oncology 2: The Clinical Science of Oncology

3 lecture hrs | 2 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: Satisfactory completion of SGS8210, or permission of the instructor.

As the second semester of a two-semester course sequence, this course offers a survey of the entire spectrum of human neoplasias, emphasizing their classification, their natural history, their cellular and molecular biology and the diverse ways of which they are treated.

Grading System: ABCDF

SGS9210. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: None

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

STA7010. Biostatistics I3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: College Algebra (Calculus highly recommended)*

This course offers an introduction to the basic statistical techniques used to analyze and interpret data in the health sciences and related fields. Emphasis is on application of these methods, with graphical methods, probability, discrete and continuous distribution, inferential statistics (estimation and hypothesis testing) for numeric and categorical data, non-parametric methods, analysis of variance, regression, and correlation.

Grading System: ABCDF

STA7020. Biostatistics II3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Biostatistics I (or comparable introductory graduate-level statistics course)*

This course is the second course in a three-course sequence in Biostatistics that offers an introduction to some of the more advanced statistical techniques used to analyze and interpret data in the health sciences and related fields. Emphasis is on applications of these methods. Topics include Factorial ANOVA, Multiple Linear Regression and Correlation, ANCOVA, Logistical and Poisson Regression, Longitudinal Data Analysis, Survival Analysis, Clinical Trials, Experimental Design, Epidemiology, Diagnostic Tests, and Critical Reading of the Resrach Literature.

Grading System: ABCDF

STA7030. Advanced Topics in Statistics1 lecture hrs | 2 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: Biostatistics I and Biostatistics II (or comparable graduate-level statistics course)*

This course is the third course in a three-course sequence in Biostatistics that offers an introduction to some of the more advanced statistical techniques used to analyze and interpret data in the nursing, health sciences and related fields. Emphasis is on application of these methods. Research articles in the nursing and biomedical areas will be used as "springboards" to a discussion of basic and advanced methods of analysis, the critical review of the literature and the interpretation of results. Data and examples similar to those reported in the articles will be analyzed using SPSS software and interpretation of the output will be emphasized. Several articles will be selected for discussion during the semester. Topics expected to be explored in these articles and covered in the lectures and computer lab include Factor and Principle Component Analysis, Cluster Analysis, Discriminant Analysis, Multivariate ANOVA, Longitudinal Data Analysis, Multiple Comparison Procedures, Clinical Trials, and reporting of

statistical methods and results.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

HIM7020. Program/department Development 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: None

Analysis of various theories regarding planning hierarchies

Grading System: ABCDF

HIM7050. Advanced Theory/change in Health Information Management 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: None

Analysis of various theoretical perspectives, directions, sources, processes, patterns, and consequences of change in health information management. Emphasizes certain aspects of change, such as trends in third party reimbursement.

Grading System: ABCDF

HIM7100. Quality Management in Health Care 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: None

Quality management in health care is rapidly changing. This course examines quality in the healthcare setting: its processes and related components such as utilization review and risk management

Grading System: ABCDF

HIM7200. Health Informatics 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: None

Survey course in the application of information technology to patient care, public health, and management in health services organizations. The course is designed to develop student understanding of the utilization and management of patient information systems. It includes trends in medical informatics.

Grading System: ABCDF

HIM9210. Applied Problem in Health Information Management 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 4 credit hrs

Prerequisite: None

Investigation of a topic of particular interest to the student's area of study. The topic and plan must be approved by the student's advisory committee.

Grading System: Satisfactory/Unsatisfactory

HIM9300. Thesis

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 4 credit hrs

Prerequisite: None

Application of the formal research process in conducting a study in health information management.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

MIL6650. Medical Illustration Techniques Ia 1 lecture hrs | 8 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the Graduate Program

An introduction to techniques and media of the medical illustrator, including line, continuous tone, and color, using traditional materials and electronic media. The accurate and aesthetic presentation and preparation of visual biomedical information for publication and projection is stressed.

Grading System: ABCDF

MIL6651. Medical Illustration Techniques I B 1 lecture hrs | 8 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: MIL 6650

An introduction to techniques and media of the medical illustrator, including line, continuous tone, and color using traditional materials and electronic media. The accurate and aesthetic presentation and preparation of visual biomedical information for publication and projection is stressed.

Grading System: ABCDF

MIL6658. Tri-Dimensional Techniques 1 lecture hrs | 8 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Elective; permission of instructor

An introduction to the techniques and media used in creating and producing three-dimensional bioscientific materials, include facial prosthetics.

Grading System: ABCDF

MIL6670. Electronic Media I 1 lecture hrs | 8 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the Graduate Program

Introduction to the terminology, concepts, and techniques of computer graphics, with emphasis on the software currently used in the field of Medical Illustration for two-dimensional images. Course will also cover current storage and output considerations.

Grading System: ABCDF

MIL6671. Electronic Media II 2 lecture hrs | 4 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Electronic Media I

Advanced concepts and techniques of computer graphics, with emphasis on the software currently used in the field of medical illustration for two-dimensional, as well as three-dimensional images.

Grading System: ABCDF

MIL6780. Surgical Techniques

1 lecture hrs | 2 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Admission to the Graduate Program

An orientation to surgery in which the student performs several procedures on laboratory animals, utilizing standard equipment, materials and techniques.

Grading System: ABCDF

MIL7650. Surgical Observation and Sketching I

1 lecture hrs | 8 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: MIL 6650, 6651, and 6780.

The observation and sketching of surgical procedures in the operating rooms and related visual references in the clinics and laboratories of the medical center. The sketches are used as reference material for illustrations accomplished in MIL 7660, 7661, and 9210.

Grading System: ABCDF

MIL7651. Surgical Observation and Sketching II

0 lecture hrs | 8 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: MIL 7650

The observation and sketching of surgical procedures in the operating rooms and related visual references in the clinics and laboratories of the medical center. The sketches are used as reference material for illustrations accomplished in MIL 7660, 7661, and 9210.

Grading System: ABCDF

MIL7660. Medical Illustration Techniques I I A

1 lecture hrs | 8 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: MIL 6651

A studio experience in which the student utilizes a variety of art media and techniques in preparing medical illustrations that meet stated objectives. Emphasis is on application of techniques to practical assignments and on problem-solving.

Grading System: ABCDF

MIL7661. Medical Illustration Techniques II B 1 lecture hrs | 8 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: MIL 7660

A studio experience in which the student utilizes a variety of art media and techniques in preparing medical illustrations that meet stated objectives. Emphasis is on application of techniques to practical assignments and on problem-solving.

Grading System: ABCDF

MIL7670. Multimedia I 2 lecture hrs | 4 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the Graduate Program

Introduction to the terminology, concepts and techniques of animated computer graphics, with emphasis on the software currently used in the field of medical illustration for animation and interactive title construction. Course will also cover script writing, story boarding, interface design and output considerations.

Grading System: ABCDF

MIL7671. Multimedia I I 2 lecture hrs | 4 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: MIL 7670

Advanced concepts and techniques of computer animation and internet graphics, with emphasis on production of a interactive title.

Grading System: ABCDF

MIL8020. Learning Resource Management 1 lecture hrs | 4 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Permission of instructor.

An overview of current instructional technology with emphasis on audiovisual resources. Management procedures and business practices for institutional and self-employment illustrators are covered. Issues related to ethics, copyright, contracts and negotiation are explored.

Grading System: ABCDF

MIL9210. Investigation of a Problem

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Admission to the Graduate Program

Independent study demonstrating competency in creating and producing bioscientific images for visual communication media in specific technique and subject matter areas.

Grading System: Satisfactory/Unsatisfactory

MIL9250. Master's Project

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 4 credit hrs

Prerequisite: Admission to the Graduate Program

A visual presentation of a bioscientific subject prepared in partial fulfillment of the requirements for the degree of Master of Science in Medical Illustration.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

IMMB8110. Medical Microbiology

6 lecture hrs | 0 lab hrs | 0 clinical hrs |
7 credit hrs

Prerequisite: None

This course combines principles of Immunology, Medical Microbiology and Infectious Diseases.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

MTCG8140. Flow Cytometry2 lecture hrs | 4 lab hrs | 0 clinical
hrs | 4 credit hrs*Prerequisite: Statistics, research methods, immunology, hematology, MT certification, graduate status*

This course covers an introduction to instrumentation, principles, and clinical and research applications. The student receives basic instruction in all phases of specimen preparation, quality control procedures, reagents, and troubleshooting. Additionally, the student will be introduced to data interpretation, statistics, DNA and phenotype marker technique.

Grading System: ABCDF

MTCG8340. Laboratory Administration1 lecture hrs | 0 lab hrs |
5 clinical hrs | 2 credit hrs*Prerequisite: None*

This course provides a review of management concepts and terminology, and the opportunity to identify and address a clinical laboratory management problem. Management techniques are used to develop an appropriate method or device to be used in solving the problem. Written communication skills are stressed.

Grading System: ABCDF

MTCG8440. Clinical Microbiology2 lecture hrs | 4 lab hrs |
0 clinical hrs | 4 credit hrs*Prerequisite: Microbiology course and permission of instructor. Advanced course in clinical microbiology.*

The student will learn latest developments in technical and managerial aspects of the microbiology laboratory (attend lectures and take examinations, quizzes, and participate in case study discussions). The student will present two lectures on topics assigned by the instructor and will also complete a project as assigned by the instructor.

Grading System: ABCDF

MTCG8540. Clinical Immunology2 lecture hrs | 4 lab hrs |
0 clinical hrs | 4 credit hrs*Prerequisite: Statistics, research methods, immunology*

The essential concepts of the human immune system. Includes the structure and function of the organs and cells that comprise the immune system

Grading System: ABCDF

MTCG8640. Clinical Chemistry

2 lecture hrs | 4 lab hrs | 0 clinical hrs | 4 credit hrs

Prerequisite: Admitted to graduate school, or permission of the instructor

Advanced theory and principles of biochemical analysis and its application in diagnosing, treating, monitoring and preventing a disease. The course includes lecture, hospital clinical chemistry laboratory experience and completion of a research project.

Grading System: ABCDF

MTCG8740. Clinical Immunohematology

2 lecture hrs | 4 lab hrs | 0 clinical hrs | 4 credit hrs

Prerequisite: Statistics, research methods, immunology strongly suggested.

The course provides the graduate student with the opportunity to study and develop advanced blood banking skills through research and teaching.

Grading System: ABCDF

MTCG8840. Clinical Hematology

2 lecture hrs | 4 lab hrs | 0 clinical hrs | 4 credit hrs

Prerequisite: Biochemistry, admission into graduate program, previous study of hematology, or permission of instructor

in conjunction with MTCP Basic Hematology and Fluid Analysis, and MTCC4840 Advanced Hematology.

Grading System: ABCDF

MTCG9210. Investigation of a Problem

0 lecture hrs | 0 lab hrs | 12 clinical hrs | 1 - 3 credit hrs

Prerequisite: Must have completed research tools requirement for graduate student or permission of the program director

This course will allow the student to register for variable hours to develop a research proposal, conduct library search, collect research data, analyze and interpret the data, and write a research paper/article.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

MOL8010. Research Tools in Molecular Medicine I lecture hrs | lab hrs | clinical hrs |
1 - 6 credit hrs

Prerequisite: SGS 802 (may be taken concurrently) or permission of instructor

First course of a year-long introduction to modern laboratory methods. Four weeks of lectures, followed by six weeks of individualized instruction in a research or core facility laboratory. Students develop a short project and master at least one specific research technique.

Grading System: ABCDF

MOL8020. Research Tools in Molecular Medicine II lecture hrs | lab hrs | clinical hrs | 1 -
12 credit hrs

Prerequisite: Research Tools in Molecular Medicine I

Continuation course of a year-long introduction to modern laboratory methods. Consists of individualized instruction in a research or core facility laboratory. Students develop a short project and master at least one specific research technique.

Grading System: ABCDF

MOL8030. Biological Signaling 3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: SGS 8020-8030 or consent of instructor

Strategies of communication at various levels of biological organization. Covers intracellular communication, communication between cells in multicellular organisms, and interactions between organisms in a group or ecosystem. Focuses on emergent properties of complex systems.

Grading System: ABCDF

MOL8040. Molecular Medicine lecture hrs | lab hrs | clinical hrs |
3 credit hrs

Prerequisite: SGS 8020 and SGS 8030 and/or consent of instructor

This course covers a variety of current topics centered on specific human diseases with a molecular aspect to diagnosis or treatment. Clinical case presentations form the starting point for an interactive discussion of the interface between basic research and clinical medicine. The course emphasizes acquisition of skills in interpreting cutting-edge primary scientific literature, and synthesizing this knowledge with real-world patient care.

Grading System: ABCDF

MOL8050. Advanced Topics in Gene Regulation and Cancer Genetics lecture hrs | lab hrs | clinical hrs | 3 credit hrs

Prerequisite: Completion of 1st year biomedical sciences graduate core curriculum

This course will cover current topics in gene regulation by transcriptional and post-transcriptional mechanisms, genome instability, and cancer genetics and epigenetics. The course will guide students to gaining a critical understanding to the current literature and how to make a scientific presentation.

Grading System: ABCDF

MOL8050. Advanced Topics in Gene Regulation and Cancer Genetics lecture hrs | lab hrs | clinical hrs | 3 credit hrs

Prerequisite: SGS8020 and SGS8030

This course will cover current topics in gene regulation by transcriptional and post-transcriptional mechanisms, genome instability, and cancer genetics and epigenetics. The course will guide students to gaining a critical understanding of the current literature and how to make a scientific presentation.

Grading System: ABCDF

MOL8110. Advanced Topics in Neurobiology lecture hrs | lab hrs | clinical hrs | 3 credit hrs

Prerequisite: Completion of 1st year biomedical sciences graduate core curriculum, and be in good standing in one of the biomedical sciences Ph.D. programs. Total class enrollment will be limited to 10 students and preference will be given to students in a neurobiologically oriented graduate program.

This course will cover current topics in neurobiology including developmental neurobiology, intracellular and intercellular communication, neurodegeneration and other diseases of the nervous system.. The course will emphasize and understanding of the neurochemical and molecular mechanisms under normal condition and leading to dysfunction. The course will focus on developing a critical understanding of the current scientific literature in neurobiology and preparing the students for careers in nerobiological research.

Grading System: ABCDF

MOL8120. Advanced topics in Developmental Biology lecture hrs | lab hrs | clinical hrs | 3 credit hrs

Prerequisite: Completion of 1st year biomedical sciences graduate core curriculum, and be in good standing in one of the biomedical sciences Ph.D. programs. Total class enrollment will be limited to 10 students and preference will be given to students in the Molecular Medicine Graduate Program.

This course will cover current topics in developmental biology including fertilization, early embryology, sex determination, body axis formation, morphogenesis, organogenesis and stem cell biology. This course will emphasize an understanding of the molecular mechanisms of development and will focus on gaining a critical understanding of the current scientific literature in developmental biology.

Grading System: ABCDF

MOL8130. Advanced Topics in Molecular and Cellular Immunology

lecture hrs | lab hrs | clinical hrs | 3 credit hrs

Prerequisite: Completion of 1st year biomedical sciences graduate core curriculum. Also open to medical students with interests in basic immunology.

This course will cover current topics in immunology including tolerance, thymocytes development, lymphocyte activation, immunological memory, cell adhesion and cell cycle control. The course will emphasize an understanding of the molecular mechanisms of immune responses and will focus on gaining a critical understanding of the on gaining a critical understanding of the current scientific literature in immunology.

Grading System: ABCDF

MOL9010. Advanced Seminar in Molecular Medicine

0 lecture hrs | 0 lab hrs | 1 clinical hrs | 1 credit hrs

Prerequisite: SGS 8020-8040, or consent of instructor

Seminar-style course covers a single, current topic in Molecular Medicine

Grading System: ABCDF

MOL9210. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Admission to a graduate program

This course is a laboratory rotation course that allows students to spend time during their first year in a faculty member's lab.

Grading System: Satisfactory/Unsatisfactory

MOL9300. Research

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Permanent assignment to a specific lab with a faculty advisor and a defined research project.

The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of a Ph.D. dissertation or M.S. thesis.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

NSG6070. Clinical Management of the High Risk Neonate II0 lecture hrs | 0 lab hrs |
0 clinical hrs | 6 credit hrs

Prerequisite: Pathophysiology for Advanced Practice Nurses, NUR7390; Pharmacology for Advanced Practice Nurses, NUR7430

Grading System: ABCDF

NSG6210. Group Dynamics3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: None

This course is designed for graduate students to build on their previous academic, personal and professional experience in small group activities. The focus is on the theoretical content of group dynamics. Different types of groups are defined and discussed. The ethical and professional issues of leadership are explored in group work. Students are provided with the opportunity for experiential group processes.

Grading System: ABCDF

NSG6730. Introduction To Anesthesia Nursing2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: Admission to the Nursing Anesthesia Program or permission of the instructor.

The student is introduced to the role of the anesthetist as an advanced practice nurse. The course presents an overview of clinical anesthesia practice, explores of the role of the nurse anesthetist within the context of the health care system, and introduces professional behaviors expected of all advanced practice nurses to include models for critical thinking, decision making, and communication.

Grading System: ABCDF

NSG6740. Anatomy and Physiology in Nurse Anesthetists3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Admission to Nursing Anesthesia Program or permission of instructor

Effect of anesthesia on normal adult anatomy and physiology is explored in depth. Emphasis is placed upon those systems particularly affected by the administration of anesthesia including the central, peripheral and autonomic nervous systems, cardiovascular, respiratory and renal systems. This course is designed to build on a student's existing knowledge of anatomy and physiology.

Grading System: ABCDF

NSG6750. Chemistry, Physics and Biochemistry in Nurse Anesthesia3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Admission to Nursing Anesthesia Program*

Provides registered nurses with the basis for understanding the physiologic and pharmacologic principles underlying the practice of anesthesia nursing. Emphasizes concepts of chemistry, physics and biochemistry which are applicable to the clinical practice of anesthesia nursing.

Grading System: ABCDF

NSG6760. Pharmacology of Anesthetic Agents2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: Admission to the Nursing Anesthesia Program*

In-depth exploration of the pharmacologic properties, indications, contraindications, and interactions of drugs used in the practice of anesthesia nursing. Topics include: inhalation anesthetics, local anesthetics, narcotics, sedatives, anxiolytics, and neuromuscular blockers.

Grading System: ABCDF

NSG6770. Cardiopulmonary Physiology and Pharmacology1 lecture hrs | 3 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: Admission to the Nursing Anesthesia Program*

Effect of anesthetic administration upon normal and abnormal cardiovascular and respiratory function is studied in depth. Special emphasis on advanced hemodynamic and pulmonary monitoring, flow volume and pressure volume relationships and pharmacological interventions in both systems.

Grading System: ABCDF

NSG6780. Principles of Nursing Anesthesia II3 lecture hrs | 3 lab hrs | 0 clinical
hrs | 4 credit hrs*Prerequisite: NSG6790: Principles of Anesthesia Practice I*

Provides nursing anesthesia students with the theoretical basis to administer anesthesia to patients across the life span. Building on knowledge gained in previous courses, this course will emphasize normal and abnormal physiologic conditions in the pediatric, obstetric and geriatric patient. Anesthesia principles for pain management and common surgical procedures occurring across the life span will be considered. **NOTE - A lab fee of \$1,000 for this course takes effect in Fall 2004**

Grading System: ABCDF

NSG6790. Principles of Anesthesia Practice I 5 lecture hrs | 31 lab hrs | 0 clinical hrs | 5 credit hrs

Prerequisite: NSG6730: Introduction to Nursing AnesthesiaNSG6820: Technology and Techniques for Nursing AnesthesiaNSG6760: Pharmacology of Anesthetic Agents (Co-requisite)

Provides a beginning foundation for students to plan and implement nursing anesthesia care. Topics include: pre- and post-anesthesia assessment, monitored anesthesia care, induction and maintenance of general anesthesia, and complications of anesthesia in the healthy patient. **NOTE - A lab fee of \$1,000 for this course takes effect in Fall 2004**

Grading System: ABCDF

NSG6800. Principles of Anesthesia Practice III 4 lecture hrs | 3 lab hrs | 0 clinical hrs | 5 credit hrs

Prerequisite: NSG6780: Principles of Anesthesia Practice II

Builds on previous knowledge to provide a thorough understanding of anesthesia nursing care for the patient undergoing specialized procedures and patients with altered health states. **NOTE - A lab fee of \$1,000 for this course takes effect in Fall 2004**

Grading System: ABCDF

NSG6810. Technology and Techniques of Nursing Anesthesia 1 lecture hrs | 3 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: None

Covers design and use of equipment common in anesthesia nursing, including hemodynamic monitors, airway management devices, anesthesia machines and mechanical ventilators.

Grading System: ABCDF

NSG6820. Professional Aspects of Nursing Anesthesia 2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Admission to Nursing Anesthesia Program

Student's understanding of a complex health care system and the role of nurse anesthetists as advanced practice nurses within the system is enhanced. Issues pertaining to the nurse anesthetist as clinician, manager, teacher, researcher, and consultant are explored. Emphasis placed on practice arrangements, departmental management, principles of education and utilization of research.

Grading System: ABCDF

NSG6830. Perspectives On Rural Anesthesia Care2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs

Prerequisite: Admission to the Nursing Anesthesia Program, NSG6800: Principles of Anesthesia Practice III, Completion of a minimum of 24 hours of NSG6850: Nursing Anesthesia Clinical Practicum.

Requirements for comprehensive anesthesia care services in rural and medically underserved communities are explored. The availability of services in selected communities are evaluated.

Grading System: ABCDF

NSG6840. Nurse Anesthesia Clinical Practicum0 lecture hrs | 0 lab hrs | 4 clinical
hrs | 1 - 18 credit hrs

Prerequisite: NSG6770 Cardiopulmonary Physiology and Pharmacology

Provides clinical experience in the administration of all types of anesthetics to patients across the life span. Preparation of patients and equipment, pre and postoperative patient evaluation, planning and implementing individualized anesthesia care plans; non-invasive and invasive monitoring, pain management and airway management are emphasized.

Grading System: ABCDF

NSG6850. Nurse Anesthesia Specialty Practicum0 lecture hrs | 0 lab hrs | 4 clinical
hrs | 1 - 12 credit hrs

Prerequisite: Ten semester hours of NSG6840 Nurse Anesthesia Clinical Practicum

Supervised experience is provided in the administration of anesthesia to specialized populations and surgical specialties. Emphasis is placed on anesthesia techniques specific to cardiovascular, thoracic, and neuroanesthesia and for obstetric, pediatric and critically ill populations.

Grading System: ABCDF

NSG6860. Nurse Anesthesia Rural Practicum0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 4 credit hrs

Prerequisite: 14 hours of NSG6850: Nursing Anesthesia Clinical Practicum

Clinical experience is provided in the administration of anesthesia to rural and medically underserved populations. Emphasis is placed on developing the student's anesthesia skills and ability to function with a greater degree of independence.

NSG6880. Family Nurse Practitioner I: Health Promotion and Problems of Adults and their Families

3 lecture hrs | 0 lab hrs | 9 clinical hrs | 6 credit hrs

Prerequisite: Masters Core; co-requisite: NSG7430 Pharmacology for Advanced Practice Nursing

Prepares family nurse practitioners to assume responsibility for health promotion, disease prevention, early detection and management of common acute and chronic health problems of adults and their families in primary health care settings. Emphasizes description of the condition or disease, etiology and incidence, clinical findings, differential diagnosis, management, complications and preventive and patient education measures. Considers cultural and ethical issues that affect health care delivery and client adherence to management plan. Uses established protocols for practice to indicate the need for consultation, referral and community resources.

Grading System: ABCDF

NSG6890. Family Nurse Practitioner II: Health Promotion and Problems of the Elderly and their Families

2 lecture hrs | 0 lab hrs | 9 clinical hrs | 5 credit hrs

Prerequisite: Masters Core (all 5 courses); NSG6880 FNPI

Prepares family nurse practitioners to assume responsibility for health promotion, disease prevention, early detection and management of common acute and chronic health problems of the elderly client and his family. Nurse practitioner's role in promoting successful aging, maintaining function and promoting self-care, using community, personal and family resources. Emphasizes common geriatric syndromes and problems including chronic illnesses and their management. Ethical dilemmas that impact health care of older adults are integrated throughout course.

Grading System: ABCDF

NSG6900. Family Nurse Practitioner III: Health Promotion of Children and their Families

3 lecture hrs | 0 lab hrs | 9 clinical hrs | 6 credit hrs

Prerequisite: Masters Core; All 5 courses; NSG 6880

Prepares family nurse practitioners to assume responsibility for health promotion, maintenance and management of common acute and chronic health problems of infants, children and adolescents in primary health care settings. Emphasizes description of the condition or disease, etiology and incidence, clinical findings, differential diagnosis, management, complications and preventive and patient education measures. Considers cultural and ethical issues that affect health care delivery and client adherence to management plan. Uses established protocols for practice to indicate the need for consultation, referral and community resources.

Grading System: ABCDF

NSG6910. Synthesis of concepts in Nursing Anesthesia Practice I 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to CRNA-MN program or permission of instructor

This course enables the nurse anesthetist to integrate the most recent developments in the field of nursing anesthesia into their practice. Emphasis is placed on advances in pharmacology and technology, pain management, regional anesthesia, and airway management.

Grading System: ABCDF

NSG6920. Management of Children with Acute and Common Health Problems 3 lecture hrs | 0 lab hrs | 9 clinical hrs | 6 credit hrs

Prerequisite: MN Core; Health Promotion and Supervision: Birth Through Adolescence

Prepares pediatric nurse practitioners to assess, diagnose and manage acute and common health problems of children from birth through adolescence. Emphasizes P. N. P.'s in patient management, family involvement, health promotion and teaching and continuing collaboration with other health professionals. Includes 135 hours of supervised clinical practice related to acute and common problems of children.

Grading System: ABCDF

NSG6930. Management of Children with Chronic Health Problem 2 lecture hrs | 0 lab hrs | 9 clinical hrs | 5 credit hrs

Prerequisite: MN Core, Health Promotion and Supervision: Birth through Adolescence; NSG6920: Management of Children with Acute and Common Health Problems.

Data to enhance the direct care and management of children from birth to adolescence experiencing chronic health problems. Emphasizes P.N.P.'s role regarding management, family involvement, health promotion and teaching, health maintenance and continued collaboration with health professionals. Includes 135 hours of supervised clinical practices.

Grading System: ABCDF

NSG6940. Assessment and Management of the Fetus/infant

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 5 credit hrs

Prerequisite: Completion/or concurrent study, of 5 Graduate Core Courses

First in a sequence of advanced practice courses provides concepts and techniques for assessment of the normal and at risk fetus/infant fetus/neonate. The role of the Neonatal Nurse Practitioner in perinatal/neonatal settings is incorporated via 90 hours of supervised clinical practice.

Grading System: ABCDF

NSG6950. Synthesis of Concepts in Nursing Anesthesia Practice II

2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: Admission to CRNA-MN program or permission of instructor

The course presents an opportunity to integrate the hallmarks of advanced practice nursing with the practice of nurse anesthesia. During the course, students will explore clinical and non-clinical roles for nurse anesthetists and use their personal professional experiences to demonstrate role synthesis.

Grading System: ABCDF

NSG6960. Health Promotion and Supervision: From Birth to Adolescence

2 lecture hrs | 0 lab hrs |
6 clinical hrs | 4 credit hrs

Prerequisite: None

This course is designed to prepare pediatric and family nurse practitioners to provide primary health care services to infants, children and adolescents in the context of their families, communities and society. Emphasis is placed on providing health maintenance, health promotion, disease prevention and health restoration services as a member of a health care team. Interprofessional collaboration and referral are integrated throughout the course. Ninety hours of supervised clinical practice are included.

Grading System: ABCDF

NSG6970. Growth and Development Across the Lifespan2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: None*

This course is designed to prepare advanced practice nurses to describe and analyze the cognitive and socioemotional development of individuals from birth to death. The analysis of interactions between individuals at different stages of development in families, groups and society will be emphasized.

Grading System: ABCDF

NSG6980. Nursing Practition Practicum1 lecture hrs | 0 lab hrs | 15 clinical
hrs | 6 credit hrs*Prerequisite: Completion of Masters Core and All Three Nurse Practitioner Courses*

The nurse practitioner practicum experience provides the student an opportunity to assume responsibility for the primary health care services of individuals and families under the supervision of an established nurse practitioner and/or physician preceptor. Students will be expected to practice as a Nurse Practitioner, assuming increasing responsibility for planning and implementing therapeutic processes and for documenting and evaluating outcomes of care. This intensive practice experience allows the student to apply theories through the investigation and management of health problems in primary health care settings.

Grading System: ABCDF

NSG7020. Health Informatics and Utilization of Electronic Technologies2 lecture hrs | 0 lab hrs |
3 clinical hrs | 3 credit hrs*Prerequisite: Admission to School of Graduate Studies; access to WWW; e-mail address must be obtained prior to first day of class.*

Teaches technological innovations to enhance clinical practice, research and information management. Through the use of e-mail, CD ROM database searches, Internet Relay Chat, World-Wide Web and other electronic technologies, participants obtain, evaluate and disseminate information. This virtual course explores Internet resources and is a hands-on class with multiple computer assignments. This may be an entirely virtual class with no formal attendance. Thus, all students, regardless of location, receive a substantive and rigorous learning experience.

Grading System: ABCDF

NSG7030. Health Care Delivery Systems and Models2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: Admission to the School of Graduate Studies

Course provides the basis for understanding the evolving health care system and nursing's role within the system. Sociopolitical, economic, technological, and legal/ethical concerns impacting the delivery of health care in United States are emphasized.

Grading System: ABCDF

NSG7040. Mental Health Assessment, Brief Intervention and R

2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs

Prerequisite: Admission to graduate program or consent of the instructor

This course provides knowledge and tools to assess psychiatric problems in primary care. Emphasis is placed on recognizing psychiatric problems and appropriate referral mechanisms

Grading System: ABCDF

NSG7050. Social and Environmental Health

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the School of Graduate Studies

This course focuses on the health of communities and aggregates in relation to social and environmental issues. The involvement and role of community health nurses in relevant social and ethical issues affecting communities and aggregates; and nursing roles in addressing environmental health problems will be emphasized.

Grading System: ABCDF

NSG7060. Issues in Women's Health Care

3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: None

This course focuses on contemporary issues in women's health care. Societal and political forces as they impact women and health care for women will be explored. Avenues toward advocacy in practice with women will be emphasized.

Grading System: ABCDF

NSG7160. Foundations of Advanced Mental Health-Psychiatric Nursing

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the School of Graduate Studies and course in Theory/Research

An eclectic orientation to mental health promotion and advanced psychiatric nursing is presented. Major emphasis is placed on theories of causation of mental disorders. Psychiatric and nursing diagnoses are stressed. Socio-cultural, ethic, and economic factors are integrated throughout the course

Grading System: ABCDF

NSG7180. Mental Health Psychiatric Nursing and the Individual Client

3 lecture hrs | 0 lab hrs | 6 clinical hrs | 6 credit hrs

Prerequisite: Foundations of Advanced Mental Health Psychiatric Nursing: NSG7350 and Psychopharmacology for Advanced Practice in Mental Health Psychiatric Nursing: NSG7350

Students engage in a critical examination of individual psychopathology and therapeutic approaches from psychodynamic, developmental systems, behavioral, and biological perspectives. Students select, analyze, implement, and evaluate a theoretical model of mental health-psychiatric nursing with individual clients. Therapeutic interventions to meet mental health needs of individual clients are selected using decision making principles.

Grading System: ABCDF

NSG7310. Group Approaches in Mental Health/Psychiatric Nursing

2 lecture hrs | 0 lab hrs | 6 clinical hrs | 4 credit hrs

Prerequisite: May be taken concurrently with NSG7180: Mental Health Psychiatric Nursing and the Individual Client.

Course presents theoretical concepts basic to group interventions in mental health-psychiatric nursing practice. Theories of group therapy are analyzed with strong emphasis on group roles and therapeutic techniques appropriate to the functional level of groups. Community aspects, including the client's sociocultural, ethnic, and economic backgrounds will be integrated throughout the course.

Grading System: ABCDF

NSG7330. Family Approaches in Mental Health Psychiatric Nursing

2 lecture hrs | 0 lab hrs | 3 clinical hrs | 3 credit hrs

Prerequisite: May be taken concurrently with NSG7180: Mental Health Psychiatric Nursing and the Individual Client.

Course presents theoretical concepts basic to family interventions in advanced mental health psychiatric nursing practice. Theories of family development, structure, and function are studied. Major theoretical models of family therapy are analyzed with emphasis on systems theory and contextual issues. Community aspects, including the client's sociocultural, ethnic, and economic backgrounds, are integrated throughout the course.

Grading System: ABCDF

NSG7350. Psychopharmacology in Advanced Practice in Mental

3 lecture hrs | 0 lab hrs | 3 clinical hrs | 4 credit hrs

Prerequisite: Admission to the School of Graduate Studies and NSG7430: Pharmacology for Advanced Practice Nursing

Course presents theoretical and clinical concepts applicable to mental health-psychiatric nursing practice of clients emphasizing psychopharmacological aspects of care. Focus is on the nursing assessment and monitoring of individual responses to treatment modalities in hospital and community settings with a strong emphasis on patient teaching. Special problems related to various age groups are considered.

Grading System: ABCDF

NSG7390. Pathophysiology in Advanced Practice Nurses

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to School of Graduate Studies

Course provides students with a system-focused pathophysiology course, and includes the management of common health problems, disease processes, and syndromes. The primary focus is to provide a foundation for clinical assessment, decision making, and management of individual and family health problems. The student learns to relate this knowledge to the interpretation of human responses to situational, developmental, and genetic stressors that alter biological life processes resulting in signs and symptoms indicative of illness, and in assessing the individual's response to pharmacologic management used to diagnose, treat, and palliate these illnesses.

Grading System: ABCDF

NSG7430. Pharmacology in Advanced Practice Nursing

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: NSG7390: Pathophysiology for Advanced Practice Nursing or permission of instructor

Course focuses on increasing the knowledge base of advanced practice nurses in pharmacology and pharmacotherapeutics. Emphasis is on the pharmacotherapeutics for common acute and chronic health problems using prototype drugs within specific drug classifications. Case studies of pathophysiological disorders are discussed, along with the pharmacologic management.

Grading System: ABCDF

NSG7430. Pharmacology in Advanced Practice Nursing

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: NSG7390: Pathophysiology for Advanced Practice Nursing or permission of instructor

Course focuses on increasing the knowledge base of advanced practice nurses in pharmacology and pharmacotherapeutics. Emphasis is on the pharmacotherapeutics for common acute and chronic health problems using prototype drugs within specific drug classifications. Case studies of pathophysiological disorders are discussed, along with the pharmacologic management.

Grading System: ABCDF

NSG7440. Theory and Research in Advanced Nursing Practice

3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: Basic Statistics and Graduate Status

Course examines theoretical foundations of nursing and use of research findings in advanced nursing practice. Concepts, theories and models related to health of individuals and families are critically analyzed. Development of a scientific base for advanced nursing practice is emphasized.

Grading System: ABCDF

NSG7470. Advanced Health Assessment

1 lecture hrs | 2 lab hrs |
3 clinical hrs | 2 credit hrs

Prerequisite: Graduate Standing; Undergraduate health assessment course

This course in health assessment expands the nurse's knowledge of cognitive processes and psychomotor skills needed for comprehensive assessment of clients across the lifespan. Techniques and processes of performing a physical, mental, developmental, and nutritional assessment, obtaining a health history, performing selected diagnostic procedures, and recording findings will be conducted. Interviewing skills that enable the nurse to relate to various clients across the life span will be refined.

Grading System: ABCDF

**NSG7480. Special Topics
in Advanced Mental
Health-Psychiatric
Nursing Clinical Practice**

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: NSG7160 Foundations of Advanced Practice in Mental Health-Psychiatric Nursing and NSG7180 Mental Health Psychiatric Nursing and the Individual Client

Grading System: Satisfactory/Unsatisfactory

**NSG7490. Advanced Practice in Mental
Health/Psychiatric Nursing**

1 lecture hrs | 0 lab hrs |
9 clinical hrs | 4 credit hrs

Prerequisite: All courses in the major

Course provides an opportunity to apply the knowledge and experience gained in the preceding courses to clinical practice. The focus is on designing, implementing, and evaluating the advanced practice role in a selected setting.

Grading System: ABCDF

**NSG7500. Health Crises in Parent-Child
Nursing**

2 lecture hrs | 0 lab hrs | 6 clinical
hrs | 4 credit hrs

Prerequisite: Completion of NUR 7530

The major focus of this third course in the series for Advance Practice Parent-Child Nursing is the development of knowledge and strategies to help families deal with pediatric and perinatal crises. Clinical practice (90 clock hours) takes place in primary, secondary and/or tertiary health care settings. Precepted clinical learning will focus on a student-selected population whenever possible.

Grading System: ABCDF

**NSG7510. Health Promotion in Parent-Child
Nursing**

2 lecture hrs | 0 lab hrs | 6 clinical
hrs | 4 credit hrs

Prerequisite: Completion of NUR 7390, 7440, 7470

This is the first of a series of courses in Advanced Practice Parent-Child Nursing. The course focuses on developing advanced principles of individual and family health and wellness promotion and risk management. The Advanced Practice Nurse's (APN's) role in complex assessments and child/family advocacy is emphasized. Clinical practice (90 clock hours) takes place in sites reflecting student clinical focus and course-individual practice objectives.

Grading System: ABCDF

NSG7520. Advanced Practice in Parent-Child Nursing 1 lecture hrs | 0 lab hrs | 15 clinical hrs | 6 credit hrs

Prerequisite: Completion of NUR 7500

The purpose of this last course in the series for Advanced Practice Parent-Child Nursing is to provide a concentrated clinical experience (225 clock hours). Students refine advanced practice skills in clinical decision making, expert-collaborative care, case management, change agency, research utilization, and/or educational interventions. Seminars will be scheduled to discuss issues related to advanced practice.

Grading System: ABCDF

NSG7530. Health Concerns in Parent-Child Nursing 2 lecture hrs | 0 lab hrs | 6 clinical hrs | 4 credit hrs

Prerequisite: Completion of NUR 7510, 7430

The major focus of this second course in the series for Advanced Practice Parent-Child Nursing is the APN role in assisting families to achieve normalization while dealing with common health concerns. Clinical practice (90 clock hours) takes place in the home, ambulatory/acute /long-term care facilities and/or appropriate community agencies. Precepted clinical learning experiences are focused on student-selected population whenever possible.

Grading System: ABCDF

NSG7580. Community Assessment and Program Planning 3 lecture hrs | 2 lab hrs | 6 clinical hrs | 5 credit hrs

Prerequisite: Admission to School of Graduate Studies

This course focuses on the assessment of communities and/or aggregates with subsequent program planning based on findings of assessment.

Grading System: ABCDF

NSG7650. Health Care Policy0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: Admission to the School of Graduate Studies*

The purpose of this course is to introduce the learner to health care systems as they have evolved in America and will need to evolve to meet future health needs of the American public. This understanding will form the basis on which the learner will develop future roles as a nurse executive within health care systems

Grading System: ABCDF

NSG7660. Administrative/organizational Theories0 lecture hrs |
0 lab hrs |
0 clinical hrs |
3 credit hrs*Prerequisite: All 5 Core Courses or permission of instructor*

The focus of this course will be on theories of organizations, organizational behavior, administration and management which can be used as the basis for understanding their current and potential applications in the health care system. More specifically the student will examine ways in which these theories can be operationalized in the provision of nursing services in the health care system.

Grading System:
ABCDF**NSG7680. Nursing Administration Practicum 1**0 lecture hrs | 0 lab hrs |
0 clinical hrs | 6 credit hrs*Prerequisite: Core Courses, Finance, or taken concurrently with Finance*

The purpose of this course is to introduce the student to the roles, functions, strategies, and techniques used for leading, managing and administering nursing services in a variety of settings, and to begin developing skills for functioning in these roles.

Grading System: ABCDF

NSG7690. Nursing Administration Practicum 20 lecture hrs | 0 lab hrs |
0 clinical hrs | 8 credit hrs*Prerequisite: All masters core courses and Practicum I*

The purpose of this practicum is to enable the student to develop competencies as nursing administrators in health care agencies.

Grading System: ABCDF

NSG7710. Culture and Health2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: Admission to Graduate Studies*

Study of cultural and ethnic differences which affect health and utilization of health care services. Selected concepts will be analyzed across cultures. Cultural variables influencing health and delivery of health care services will be studied and strategies for improving health care will be planned.

Grading System: ABCDF

NSG7730. Epidemiology and Biostatistics3 lecture hrs | 3 lab hrs |
4 clinical hrs | 4 credit hrs*Prerequisite: Admission to the School of Graduate Studies*

The purpose of this course is to provide the student with an opportunity to develop in depth knowledge of the concepts, principles, study designs, methods and statistics of epidemiology and biostatistics. Focus will be the application of epidemiological and biostatistical principles to disease prevention and health promotion in population groups, and the critical evaluation of epidemiological studies. Laboratory experiences to assist students integrate biostatistical data with selected epidemiological concepts and investigations are included.

Grading System: ABCDF

NSG7830. Foundations of Advanced Nursing Practice2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: NONE*

This course is designed to assist the student to develop a clear understanding of advanced practice roles, their requirements and regulations. Students will examine the advanced practice roles of educator, clinician, consultant, administrator, collaborator, researcher, advocate, change agent, entrepreneur and case manager within the context of their specific advanced practice arena. Roles issues such as fluid boundaries, role ambiguity, and interdisciplinary relationships will be explored. Professional behaviors and ethics will be discussed as a basis for professional role development.

Grading System: ABCDF

NSG7860A. Leadership in Community-Based Settings3 lecture hrs | 0 lab hrs | 6 clinical
hrs | 5 credit hrs*Prerequisite: None*

The purpose of this course is to provide the student with in-depth knowledge of theories of leadership in community nursing and public health. The focus will be on applying this knowledge for health and nursing care in the community. The student will also have the opportunity to explore issues impacting public/community health, funding sources, and grantsmanship to support community based programs.

Grading System: ABCDF

NSG7870. Practice in Community Health Nursing

2 lecture hrs | 0 lab hrs | 9 clinical hrs | 5 credit hrs

Prerequisite: Admission to School of Graduate Studies

The course is designed to increase the students ability to synthesize knowledge gained in the program through implementation of the role with aggregate groups in the community.

Grading System: ABCDF

NSG7910. Financial Management of Health Care Institutions

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to Graduate School

Concepts related to the economics and financial management of the American health care system are introduced. The knowledge and skills prerequisite to effective participation in health institutions financial planning and analysis are developed.

Grading System: ABCDF

NSG7920. Complex Health Problems of Adults

2 lecture hrs | 1 lab hrs | 6 clinical hrs | 4 credit hrs

Prerequisite: Masters Core, NSG7430: Pharmacology and Foundations of Advanced Nursing Practice may be taken concurrently.

This course is designed to enable students to provide research based advanced nursing practice to young, middle, and older adult populations with common complex health problems. Emphasis will be placed on complex clinical analysis to develop and monitor comprehensive, holistic plans of care/critical paths that address the health promotion, disease prevention and health restoration needs of this population. Students have opportunities in a variety of settings for variance analysis to mobilize the health care system.

Grading System: ABCDF

NSG7930. Adult Nursing Clinical Nurse Specialist Residency

1 lecture hrs | 0 lab hrs | 15 clinical hrs | 6 credit hrs

Prerequisite: NSG 7940: Specialized Care in Adult Health

This course is designed to enable the student to function efficiently as a CNS. The student negotiates, implements and evaluates a multidimensional CNS residency in a selected health care setting. Emphasis is placed on synthesis of advanced practice roles and functions to effect change within health care systems. Students are expected to develop and work in collaborative and interdependent relationships.

Grading System: ABCDF

NSG7940. Specialized Care in Adult Health

2 lecture hrs | 0 lab hrs | 4 clinical hrs | 4 credit hrs

Prerequisite: NSG7920: Complex Health Problems of Adults and NSG7830: Foundations of Advanced Nursing Practice

This course is designed to enable students to acquire in-depth knowledge and skills related to a specific adult nursing specialty area. This specialty area is mutually selected by the student and course faculty. Students will apply knowledge of advanced pathophysiology, pharmacology, health assessment, nursing interventions, theory and research to the care of adults and their families experiencing health problems within a chosen specialty area. Opportunities are provided for students to care for clients in a variety of settings. Students are expected to evaluate potential residency sites and develop a plan for their CNS residency

Grading System: ABCDF

NSG7950. Advanced Acute Care in Adult Health

1 lecture hrs | 0 lab hrs | 6 clinical hrs | 3 credit hrs

Prerequisite: None

This course is designed to enable students to acquire in-depth knowledge and skills related to adult acute care nursing specialty area. Clinical experience focuses on case management in a variety of subacute and acute care settings. The specialty area is mutually selected by the student and course faculty. Students apply knowledge of advanced pathophysiology, pharmacology, health assessment, nursing interventions, theory and research to the care of adults and their families experiencing health problems within a chosen acute/subacute specialty area. The seminar component of the course is designed to develop clinical decision-making skills through case study presentation. Students will be given the opportunity to submit a clinical paper for peer review.

NSG7960. Advanced Critical Care in Adult Health

1 lecture hrs | 0 lab hrs | 6 clinical hrs | 3 credit hrs

Prerequisite: NSG 7920, NSG 7830, ACLS Certification

This course is designed to enable students to acquire in-depth knowledge and skills related to adult critical care nursing specialty area. Clinical experience focuses on case management in critical care settings. The specialty area is mutually selected by the student and course faculty. Students apply knowledge of advanced pathophysiology, pharmacology, health assessment, nursing interventions, theory and research to the care of adults and their families experiencing health problems within a chosen critical care specialty area. The seminar component of the course is designed to develop clinical decision-making skills through case study presentation. Students will be given the opportunity to submit a clinical paper for peer review.

Grading System: ABCDF

NSG7970. Laboratory and Diagnostic Tests in Advanced Practice

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: NSG 7390, NSG 7470

This course builds on undergraduate knowledge of basic normal and abnormal laboratory findings. More specifically, this course is designed to enable students to acquire advanced in-depth knowledge and skills related to proper laboratory and diagnostic testing for acute diseases/conditions. Opportunities are provided for students to synthesize knowledge regarding laboratory and diagnostic test usages in order to make decisions regarding diagnosis and evaluation of patient progress.

Grading System: ABCDF

NSG7990. Independent Study

lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 6 credit hrs

Prerequisite: Senior level status or permission of faculty advisor.

This course enables the student to pursue a specified area of study which supports the student's program of study. Teaching strategies include dyadic modalities; no clinical.

Grading System: ABCDF

NSG7991. Independent Study

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 6 credit hrs

Prerequisite: Senior level status or permission of faculty advisor.

This course enables the student to pursue a specified area of study which supports the student's program of study. Teaching strategies include dyadic modalities; no clinical.

Grading System: Satisfactory/Unsatisfactory

NSG7992. Independent Study

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 - 6 credit hrs

Prerequisite: Senior level status or permission of faculty advisor.

This course enables the student to pursue a specified area of study which supports the student's program of study. Teaching strategies include dyadic and clinical experiences.

Grading System: ABCDF

NSG8000. Philosophical and Theoretical Foundations of Nursing

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: Admission to the doctoral program or consent of the instructor

This course is designed to assist the student in analyzing major philosophies of science as foundations for nursing knowledge. The general focus of this course will be on the influence and applicability to nursing of a variety of positivist, post-positivist, and post-modern views on the nature of scientific thought and progress. These examples will be examined for their explanatory relevance to the development of nursing as a science. Theoretical frameworks used in nursing will be analyzed for adequacy and usefulness. Problems of meaning, interpretation as well as contextual issues in nursing theory will be examined. Students will explore selected philosophical and theoretical issues of importance to nursing.

Grading System: ABCDF

NSG8090. Adaptation To Stress in Health and Illness

3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: Admission to the Doctoral Program

Selected theories of stress, coping and adaptation will be analyzed. Stress research will be critically reviewed with attention to behavioral, cognitive, social and physiologic variables. The relevance of stress theory and research for nursing interventions in health and illness will be explored. Implications for correlational and experimental nursing research will be emphasized.

Grading System: ABCDF

NSG8110. Theory Development and Research Design

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: NSG8000: Philosophical and Theoretical Foundations of Nursing

This course advances the theory development and research design knowledge of the student. The course examines approaches to theory construction in quantitative and qualitative research. Emphasis is placed on the development of a study proposal demonstrating logical links between the steps in a selected research process.

Grading System: ABCDF

NSG8200. Qualitative Design and Analysis

4 lecture hrs | 0 lab hrs | 0 clinical hrs | 4 credit hrs

Prerequisite: NSG8000: Philosophical and Theoretical Foundations of Nursing

This course will focus on a critical analysis of the epistemologic basis of the qualitative paradigms. Emphases include research design, data collection, analysis, interpretation, and evaluation. Ethical and cross cultural issues and their unique relationship to qualitative research will be examined. A field work assignment provides opportunity for application of theoretical learning by having students participate in data collection and analysis. Students will have the opportunity to learn qualitative computer programs to assist in data management.

Grading System: ABCDF

NSG8210. Quantitative Research Designs and Methods of Analysis I

3 lecture hrs | 0 lab hrs | 2 clinical hrs | 4 credit hrs

Prerequisite: Inferential Statistics

This is the first of two courses providing students with a detailed analysis of quantitative research designs and methods of analysis used in nursing science. Sampling designs, methods of data collection, advantages and disadvantages, and sources of error for each design will be covered. Students will have the opportunity to analyze data associated with various research designs in a computer laboratory setting. Students will have the opportunity to interpret data based on descriptive and correlational methods of analysis.

Grading System: ABCDF

NSG8211. Quantitative Research Designs and Methods of Analysis II

3 lecture hrs | 0 lab hrs | 2 clinical hrs | 4 credit hrs

Prerequisite: Inferential Statistics; Multivariate Statistics

Second of two courses providing detailed analysis of quantitative research designs and methods used in nursing science. Discusses use and interpretation of univariate and multivariate methods of data analysis, including their advantages, disadvantages and appropriate applications in correlational, quasi-experimental and experimental studies. Examines validity of statistical conclusions drawn from analyses. Includes analysis methods for cross-sectional and longitudinal research designs.

Grading System: ABCDF

NSG8300. Practicum in Nursing Research

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 4 credit hrs

Prerequisite: Completion of the first comprehensive exam

This course will provide students with the opportunity for an in-depth examination of an investigative topic of particular interest to the student's area of study. The questions for study and the method undertaken will be determined collaboratively by the student and the research mentor.

Grading System: ABCDF

NSG8410. Human Development Across the Life Span

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: None

This course will provide students with a detailed analysis of theories, research methods, and findings of research on the development of the individual across the life span. Content will focus on a critical review of the available research on biological, social, and environmental processes influencing human development. Research methodologies for studying complex developmental processes across the life span, and in varying environmental contexts, will be examined.

Grading System: ABCDF

NSG8460. Cross-cultural Health Beliefs and Practices

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the Doctoral Program or Consent of the Instructor

The purpose of this course is to analyze research studies of beliefs, values and behaviors related to health, illness and healing cross-culturally. Selected theories of culture and health will be examined for their usefulness in nursing. Discussions and readings focus on research studies of health and illness in diverse cultural groups. Issues related to the ontological status of ideological systems will be critically reviewed and their relevance to qualitative nursing research will be emphasized. The relevance of contextualization of experiences, the "other" and the impact of postmodernism on theories of culture will be explored, particularly their relation to nursing theory and research.

Grading System: ABCDF

NSG8480. Health Promotion Across the Lifespan

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the Doctoral Program or Consent of the Instructor

This course critically reviews models, theories and research with healthy populations, focusing on physiological, social, psychological, and cultural variables which are related to health, wellness and health promotion in individuals and groups throughout the lifespan. Research related to health promotion will be examined as studies relate to nursing interventions with healthy populations. Selected theories of health promotion with attention to behavioral variables, personal attributes as well as community as partner will be selectively analyzed.

Grading System: ABCDF

NSG8600. Health Care Systems, Policies and Priorities

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the Doctoral Program in Nursing

This course provides an opportunity to critically examine the health care system. The political, economic, social, cultural, and regulation factors impacting the system will be emphasized. Health care policy formulation and implementation at the international, national, and state levels will be addressed. Health care priorities related to health promotion and disease prevention will be evaluated.

Grading System: ABCDF

NSG8690. Feminist Inquiry in Nursing

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to Doctoral program

This course is designed as an advanced qualitative research course that facilitates the development of critical scholarship. Feminist inquiry in nursing challenges social relations and behavior as well as the use of research in an applied profession. Students will critique the ways of knowing in nursing research through dialogue and critical inquiry. This course will focus on problems of meaning, interpretation and contextual issues related to a critical understanding of reality. Readings and experiences are directed toward increasing skills for critical thinking and reflection as part of the research process.

Grading System: ABCDF

NSG8710. Human Development and Aging

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the Doctoral Program in Nursing

This course will provide students with an analysis of biological, psychological, social, and cultural theories of aging and health. Chronic illnesses common to older populations and associated physical, cognitive, and emotional decline will be analyzed through research reports of various disciplines. Students will develop research questions/hypotheses relevant to aging and nursing science. Research methodologies appropriate to aging clients will be critiqued and defended for a chosen area of investigation.

Grading System: ABCDF

NSG8800. Ethical Issues in Health Care

3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: Admission to the doctoral program or consent of the instructor

This course is designed to assist the student in analyzing major ethical theories and principles as they impact nursing, the health care system and society. Major ethical theories and principles will be examined within the context of health care. Moral reasoning and ethical practice will be explored as they relate to extant philosophies and theories used in nursing. Students will explore selected philosophical and theoretical issues of importance to nursing, which will include existential advocacy, ethical realism, bioethical standards, individual autonomy, informed consent, and decision making. Case studies will be utilized.

Grading System: ABCDF

NSG8830. Family Development and Health

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the Doctoral Program

The purpose of this course is to provide the student with knowledge about theoretical and methodological perspectives on families and health. Research in families experiencing situational and developmental transitions will be examined. Emphasis will be placed on the role of nursing science in addressing family models and family oriented research.

Grading System: ABCDF

NSG9010. Seminar in Nursing

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 5 credit hrs

Prerequisite: Completion of the first comprehensive exam

This course will provide students with the opportunity to pursue in depth in topic relevant to his/her major area of concentration and interest.

Grading System: ABCDF

NSG9100. Independent Study

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Completion of at least one course in graduate program in nursing.

This course will provide students with the opportunity to study further a topic introduced in earlier course work, or to pursue an area of interest (compatible with the area of concentration) for which course work is not available.

Grading System: ABCDF

NSG9100A. Independent Study

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Completion of at least one course in graduate program in nursing.

This course will provide students with the opportunity to study further a topic introduced in earlier course work, or to pursue an area of interest (compatible with the area of concentration) for which course work is not available.

Grading System: ABCDF

NSG9100E. Independent Study

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Completion of at least one course in graduate program in nursing.

This course will provide students with the opportunity to study further a topic introduced in earlier course work, or to pursue an area of interest (compatible with the area of concentration) for which course work is not available.

Grading System: ABCDF

NSG9200. Independent Study0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 - 3 credit hrs*Prerequisite: Completion of at least one core course in doctoral program in nursing.*

This course will provide students with the opportunity to study further a topic introduced in earlier course work, or to pursue an area of interest (compatible with the area of concentration) for which course work is not available.

Grading System: ABCDF

NSG9210. Investigative Project

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Admission to Candidacy

The investigative project is a systematic inquiry and examination of a conceptual or clinical problem related to the practice of nursing. The project must be the original work of the student. Examples of investigative projects are a manuscript submitted for publication, patient educational program or professional educational program. The final product may be reported in a non-traditional format if it is determined that such a format will make the findings more accessible and acceptable for use by the nursing community.

Grading System: Satisfactory/Unsatisfactory

NSG9220. Supervised Research

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Admission to Candidacy

This course is designed to provide students with an opportunity to participate in the research process with faculty who guide the student through an experience with research. Emphasis is on participation as a member of an on-going research team.

Grading System: Satisfactory/Unsatisfactory

NSG9230. Independent Study

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 6 credit hrs

Prerequisite: Completion of one semester of doctoral program study

This course enables the doctoral student to pursue a specified area of study which supports the student's program of research.

Grading System: Satisfactory/Unsatisfactory

**NSG9300. Research-
Thesis**

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 10 credit hrs

Prerequisite: Admission to candidacy

The entire research process is utilized to investigate a research question including a theoretical or conceptual framework and data collection. A standard written format for reporting of findings followed.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

OTH8000. Occupational Therapy Seminar1 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: Admission to the program*

Students begin the research process in collaboration with faculty by clearly defining a problem or question of interest and initiating a literature review, and by determining a course of study.

Grading System: ABCDF

OTH8010. Philosophical and Theoretical Bases of Occupation3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Admission to the program*

Investigation of the philosophies and theoretical bases underlying occupational therapy. Students will actively examine historical developments through in-depth literature review and will analyze selected theoretical bases associated with the practice of occupational therapy.

Grading System: ABCDF

OTH8020. Philosophical and Theoretical Bases of Occupational3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: OTH 8010*

Further examination of the philosophies and theoretical bases underlying occupational therapy. Students will examine current and developing philosophies and theories in occupational therapy. Students will analyze selected theoretical bases related to OT practice.

Grading System: ABCDF

OTH8030. Program Development and Evaluation2 lecture hrs | 1 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Admission to the program*

Students apply standards and principles of program development and evaluation to construction and evaluation of selected components of clinical programs, fieldwork education programs and academic programs. Current legal and ethical issues are discussed.

Grading System: ABCDF

OTH8100. Independent Study

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Admission to the program

Investigation of a special problem related to occupational therapy clinical practice, management, education or research.

Grading System: ABCDF

OTH8110. Special Studies in Occupational Therapy

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Admission to the program

Investigation of a topic of particular interest to the individual student's area of study in occupational therapy

Grading System: Satisfactory/Unsatisfactory

OTH8120. Special Studies in Advanced Treatment Approaches

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Admission to the program

Individual investigation into new and/or specialized treatment approaches or techniques. Includes practical experiences

Grading System: ABCDF

OTH8130. Special Studies in Health Care

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Admission to the program

Individual investigation into current and proposed health care approaches and issues. Includes roles for the occupational therapist

Grading System: ABCDF

OTH8200. Management of Fieldwork Education

3 lecture hrs | 3 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the program

Discussion and application of principles of program design and evaluation to fieldwork education. Includes discussion of supervision processes and related issues.

Grading System: ABCDF

OTH9210. Investigation of a Problem

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Admission to the program

Investigation of a topic of particular interest to the individual student's area of study.

Grading System: Satisfactory/Unsatisfactory

OTH9250. Applied Project in Occupational Therapy

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Completion of required course work and approval of student's committee

Independent development of a project in occupational therapy through the application of the problem-solving process or application of the formal research process in conducting a study in the area of occupational therapy theory, practice or education

Grading System: Satisfactory/Unsatisfactory

OTH9300. Thesis in Occupational Therapy

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 4 credit hrs

Prerequisite: Completion of required course work and approval of student's committee

Application of the formal research process in conducting a study in the area of occupational therapy theory, practice, or education. The thesis must adhere to the format specified by the School of Graduate Studies.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

OBG7220. Applied Pathology5 lecture hrs | 0 lab hrs | 0 clinical
hrs | 5 credit hrs*Prerequisite: None*

This course includes lectures and clinico-pathological conferences on the basic principles of disease and relevant histopathology. There is considerable emphasis on understanding mechanisms underlying alterations at the cell and subcellular levels. The parameters of cell injury, inflammation, immunopathology, repair and regeneration, carcinogenesis, hemodynamic disturbances, genetic and metabolic disorders as well as nutritional diseases are studied.

Grading System: ABCDF

OBG8001. Topics in Oral Biology I2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: DMD, DDS or equivalent; 2 years dental school for combined programs*

This course is composed of three blocks. The first block addresses Hard Tissue Biology in which the anatomy, physiology, and biochemistry of bone and teeth are emphasized. The second block is devoted to Temporomandibular Joint Disorders, and emphasizes the fundamental basic science that is essential in understanding the clinical problems related to the temporomandibular joint. The third block is Regeneration/Repair of Orofacial Tissues and emphasizes growth and differentiation of hard and soft tissues and the biochemical basis of wound healing.

Grading System: ABCDF

OBG8002. Topics in Oral Biology II0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: DMD, DDS, or equivalent; 2 yrs dental school for combined programs*

The course is composed of two blocks. The first block is hemostasis and bleeding disorders which deals with fundamental concepts in the biochemistry, anatomy and physiology of the hemostatic response and bleeding disorders. The second block is orofacial infections in which the types of orofacial infections along with the causative agents, the role of lymphatic and other anatomic structures in the spread of infection, host defense mechanisms and anti-microbial therapies are presented.

Grading System: ABCDF

OBG8003. Topics in Oral Biology III0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: DMD, DDS, or equivalent; 2 yrs. dental school for combined program*

The course is composed of three major blocks. The first block is a series of lectures on pain and anxiety management in dentistry. The second block addresses the dental management of the medically complex patient. The third block covers salivary gland function in health and disease.

Grading System: ABCDF

OBG8004. Topics in Oral Biology IV

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: DMD, DDS or equivalent; 2 yrs. dental school for combined program.

The course is composed of two blocks. The first block is a series of lectures related to molecular pathology. The second block emphasizes genetics as it relates to orofacial anomalies and defects. This course is a multidisciplinary approach to these topics.

Grading System: ABCDF

OBG8070. Ped Elect Mmc-savannah 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: None

Grading System: ABCDF

OBG8540. Advanced Oral Pathology

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: DDS, DMD or equivalent

The course is comprised of a series of lectures on Advanced Oral Pathology with emphasis on the etiology, mechanisms, and state of the art diagnostic measures and prognostic evaluation.

Grading System: ABCDF

OBG8640. Research Methodology

2 lecture hrs | 2 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: None

This course introduces the graduate student to selected methods that are used to study the biology of orofacial tissues. In addition, potential research projects are identified and the mechanics for writing a research proposal are presented.

Grading System: ABCDF

OBG9010. Seminar in Oral Biology

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This course consists of several one hour seminars that will be presented by dental faculty, graduate students and invited lecturers. The seminar topics will be related to the research being conducted by each presenter.

Grading System: ABCDF

OBG9020. Seminar in Cellular Biology and Anatomy

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Forum for faculty and graduate students to present their research.

Grading System: Satisfactory/Unsatisfactory

OBG9210. Investigation of a Problem

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 12 credit hrs

Prerequisite: None

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

PHM8010. Molecular Pharmacology

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: PHM 8100 or consent of instructor

Mechanism of achieving a biological effect through the chemical interaction of a drug with a biological receptor.

Grading System: ABCDF

PHM8030. Neuropharmacology

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: PHM 8100

Selected topics related to the action of chemical agents on the nervous system.

Grading System: ABCDF

PHM8040. Advanced Pharmacological Sciences

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: PHM8100 or consent of instructor

Current techniques, concepts and trends in pharmacological research. Several topics are usually presented. These topics may be varied each time the course is presented.

Grading System: ABCDF

PHM8090. Cardiovascular Pharmacology

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: PHM 8100

Evaluation of the actions of drugs on the heart and blood vessels.

Grading System: ABCDF

PHM8100. Survey of Pharmacological Sciences I

6 lecture hrs | 2 lab hrs | 0 clinical hrs | 7 credit hrs

Prerequisite: PHY 7010,7020; SGS 8020,8030,8040, or consent of instructors.

A one semester course. Provides the necessary background to practice rational drug therapy. Emphasis is on the major classes of drugs, their mechanisms of action, patient factors affecting their pharmacokinetics and adverse actions.

Grading System: ABCDF

PHM8120. Pharmacologically Vasoactive Peptides

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: PHM 8100

Lectures and paper discussion on the pharmacology of the most important piogenic peptides which act on blood vessels.

Grading System: ABCDF

PHM8130. Modern Drug Discovery

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: SGS 8020-8030 or consent of course director

This course is interdisciplinary with an emphasis on current techniques, concepts and trends in drug discovery today. Strategies for deciphering a drug target and for discovering new classes of drugs and therapies will be the main themes of the course.

Grading System: ABCDF

PHM9010. Seminar in Pharmacology

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: none

Research presentations by MCG faculty and visiting research scientists.

Grading System: ABCDF

PHM9020. Seminar in Pharmacology

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: none

Research presentations by MCG faculty and visiting research scientists.

Grading System: Satisfactory/Unsatisfactory

PHM9210A. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Admission in a graduate program

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

PHM9210B. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Admission in a graduate program

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

PHM9210B. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Admission in a graduate program

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

PHM9300A. Research

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Permanent assignment to a specific lab with a faculty advisor and a defined research project.

The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of a Ph.D. dissertation or M.S thesis.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

GPT8201. Advanced Analysis of Musculoskeletal Function

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Permission of instructor

The study of the major concepts, skills and techniques involved in analyzing musculoskeletal performance. In-depth study of selected anatomical structures and related biomechanical and kinesiological concepts.

Grading System: ABCDF

GPT8202. Advanced Analysis of Temporomandibular Joint Functions

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1-3 credit hrs

Prerequisite: None

The study of the major concepts, skills and techniques involved in analyzing temporomandibular joint function in-depth study of selected anatomical structures and related biomechanical and kinesiological concepts

Grading System:
ABCDF

GPT8203. Advanced Analysis of Cervical Spine Function

0 lecture hrs | 0 lab hrs | 0 clinical hrs |
1 - 3 credit hrs

Prerequisite: Permission of Instructor

The study of the major concepts, skills and techniques involved in analyzing cervical spine function. In-depth study of selected anatomical structures and related biomechanical and kinesiological concepts.

Grading System: ABCDF

GPT8204. Advanced Analysis of Spinal Function

0 lecture hrs | 0 lab hrs | 0 clinical hrs |
1 - 3 credit hrs

Prerequisite: Permission of Instructor

The study of the major concepts, skills and techniques involved in analyzing spinal function. In-depth study of selected anatomical structures and related biomedical and kinesiological concepts.

Grading System: ABCDF

GPT8205. Advanced Analysis of Lumbar Spine and Sacra-iliac

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Permission of Instructor

The study of the major concepts, skills and techniques involved in analyzing lumbar spine and sacro-iliac function. In-depth study of selected anatomical structures and related biomechanical and kinesiological concepts.

Grading System: ABCDF

GPT8206. Advanced Analysis of Shoulder Function

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Permission of Instructor

The study of the major concepts, skills and techniques involved in analyzing shoulder function. In-depth study of selected anatomical structures and related biomechanical and kinesiological concepts.

Grading System: ABCDF

GPT8207. Advanced Analysis of Elbow Function

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Permission of Instructor

The study of the major concepts, skills and techniques involved in analyzing elbow function. In-depth study of selected anatomical structures and related biomechanical and kinesiological concepts

Grading System: ABCDF

GPT8208. Advanced Analysis of Wrist and Hand Function

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Permission of Instructor

The study of the major concepts, skills and techniques involved in analyzing wrist and hand function. In-depth study of selected anatomical structures and related biomechanical and kinesiological concepts.

Grading System: ABCDF

GPT8209. Advanced Analysis of Hip Function

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Permission of Instructor

The study of the major concepts, skills and techniques involved in analyzing hip function. In-depth study of selected anatomical structures and related biomechanical and kinesiological concepts.

Grading System: ABCDF

GPT8210. Advanced Analysis of Knee Function

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Permission of Instructor

The study of the major concepts, skills and techniques involved in analyzing knee function. In-depth study of selected anatomical structures and related biomechanical and kinesiological concepts.

Grading System: ABCDF

GPT8211. Advanced Analysis of Foot and Ankle Function

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Permission of Instructor

The study of the major concepts, skills and techniques involved in analyzing foot and ankle function. In-depth study of selected anatomical structures an related biomechanical and kinesiological concepts.

Grading System: ABCDF

GPT8300. Clinical Research Techniques

1 lecture hrs | 2 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: EDU 702 or equivalent

A practical approach to research techniques required to perform clinical research including formulation, application and analysis of specific research designs

Grading System: ABCDF

GPT8401. Designing Clinical Education Experiences

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: EDU 700, 701

Exposure to all aspects of clinical education, including but not limited to theoretical consideration, practical considerations, plan and design of effective experiences, implementation and evaluation of clinical learning experiences.

Grading System: ABCDF

GPT8402. Curriculum Design in Physical Therapy

2 lecture hrs | 2 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: EDU 7000

A review of curriculum designs in physical therapy education with special emphasis on competency-based education Relation of theories of curriculum design to physical therapy and physical therapist assistant education.

Grading System: ABCDF

GPT8500. Special Studies in Patient Management

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 - 4 credit hrs

Prerequisite: Permission of instructor

Individual investigation into new or specialized patient management processes related to any area of specialization.

Grading System: ABCDF

GPT8910. Design of Graduate Program

6 lecture hrs | 1 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: Admission into the MHE or MS program in Physical Therapy

In this course you will design your course of graduate study. By the end of the course you will have a specific plan of study that has been approved by your committee.

Grading System: ABCDF

GPT9100. Independent Study

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Permission of Instructor

Individually designed work in some area of physical therapy or health care of special interest to the student. Study may be in areas related to practice, administration or education.

Grading System: ABCDF

GPT9110. Advanced Therapeutic Processes 1

0 lecture hrs | 0 lab hrs | 36 clinical hrs | 3 credit hrs

Prerequisite: Permission of Instructor

Each student selects an area of specialization in physical therapy practice from musculoskeletal

Grading System: ABCDF

GPT9120. Advanced Therapeutic Processes 2 0 lecture hrs | 0 lab hrs | 36 clinical hrs | 3 credit hrs

Prerequisite: Permission of Instructor

Each student selects an area of specialization in physical therapy practice from musculoskeletal

Grading System: ABCDF

GPT9210. Investigation of a Problem 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Permission of instructor

Investigation of a special problem related to physical therapy clinical practice, management, education or professional practice.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

MPT6020X. Applied Anatomy 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Course is designed to relate practice of physical therapy to topics presented in Gross Anatomy.

Grading System: ABCDF

MPT6030. Dynamics of Human Motion 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Study of normal human motion including biomechanical principles, kinesiology and normal gait.

Grading System: ABCDF

MPT6030X. Dynamics of Human Motion 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Study of normal human motion including biomechanical principles, kinesiology and normal gait.

Grading System: ABCDF

MPT6310X. Orthopedic Physical Therapy I 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Study of etiology, signs and symptoms of simple orthopedic problems

Grading System: ABCDF

MPT7070. Seminar in Physical Therapy 4 2 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Graduate student colloquium to provide opportunity to investigate a variety of areas that are considered alternative health care and to investigate their basis and research support.

Grading System: Satisfactory/Unsatisfactory

MPT7111. Physical Therapy Practice I

4 lecture hrs | 13 lab hrs | 0 clinical hrs | 15 credit hrs

Prerequisite: Admission the MPT program

The study of musculoskeletal problems which incorporate basic evaluation and treatment skills. Students will use concepts from the areas of anatomy, physiology, kinesiology, and communications to address problems.

Grading System: ABCDF

MPT7111X. Physical Therapy Practice 1

4 lecture hrs | 13 lab hrs | 0 clinical hrs | 15 credit hrs

Prerequisite: Admission the MPT program

The study of musculoskeletal problems which incorporate basic evaluation and treatment skills. Students will use concepts from the areas of anatomy, physiology, kinesiology, and communications to address problems.

Grading System: ABCDF

MPT7112. Physical Therapy Practice 2

11 lecture hrs | 11 lab hrs | 0 clinical hrs | 14 credit hrs

Prerequisite: Successful completion of all previous courses in curriculum

Students will learn the physical therapy management of selected medical and surgical problems, including the problems (system by system) associated with prolonged bed rest or immobilization. Problem-based client simulations will focus on cardiac, peripheral vascular, pulmonary, would, endocrine, infectious and inflammatory diseases, acute care issues.

Grading System: ABCDF

MPT7112X. Physical Therapy Practice 2

11 lecture hrs | 11 lab hrs | 0 clinical hrs | 14 credit hrs

Prerequisite: Successful completion of all previous courses in curriculum

Students will learn the physical therapy management of selected medical and surgical problems, including the problems (system by system) associated with prolonged bed rest or immobilization. Problem-based client simulations will focus on cardiac, peripheral vascular, pulmonary, would, endocrine, infectious and inflammatory diseases, acute care issues.

Grading System: ABCDF

MPT7113. Physical Therapy Practice III45 lecture hrs | 12 lab hrs | 0 clinical
hrs | 5 credit hrs*Prerequisite: Successful completion of all previous courses in curriculum*

The study of pathological, medical and therapeutic concepts relevant to specific joints, soft tissue and body regions. This course will focus on applying the general concepts, from MPT 6111, of evaluation and therapeutic management of musculoskeletal problems, to specific points, soft tissue and body regions.

Grading System: ABF

MPT7113X. Physical Therapy Practice 345 lecture hrs | 12 lab hrs | 0 clinical
hrs | 6 credit hrs*Prerequisite: Successful completion of all previous courses in curriculum*

The study of pathological, medical and therapeutic concepts relevant to specific joints, soft tissue and body regions. This course will focus on applying the general concepts, from MPT 6111, of evaluation and therapeutic management of musculoskeletal problems, to specific points, soft tissue and body regions.

Grading System: ABCDF

MPT7140. Communications 24 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: Completion of all previous MPT coursework or permission of the instructor.*

Students continue to explore and develop communication skills. Special emphasis is placed on self-awareness, responses to various cultural biases, and responses to patients with catastrophic illnesses. Additionally, skills required for clinical services are addressed.

Grading System: ABCDF

MPT7140X. Communications 24 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: Completion of all previous MPT coursework or permission of the instructor.*

Students continue to explore and develop communication skills. Special emphasis is placed on self-awareness, responses to various cultural biases, and responses to patients with catastrophic illnesses. Additionally, skills required for clinical services are addressed.

Grading System: ABCDF

MPT7210. Electrotherapeutics0 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit
hrs*Prerequisite: Completion of all previous MPT coursework or permission of the instructor.*

Study of neurological bases for electrotherapeutic techniques and electrodiagnostic tests as they relate to practice of physical therapy, practice of selected therapeutic and diagnostic techniques, as they relate to specific physical therapy problems.

Grading System: ABF

MPT7211. Foundations of Physical therapy0 lecture hrs | 0 lab hrs |
0 clinical hrs | 7 credit hrs*Prerequisite: None*

This course is designed to provide students with the formal skills for physical therapy practice. Students will describe and appraise normal human motion to provide a conceptual and practical framework for assessing abnormal motion. Current and relevant issues in physical therapy will be examined. Basic elements of physical therapy management including examination, evaluation, and diagnosis will be discussed and integrated into patient cases.

Grading System: ABCDF

MPT7311. Integration of Practice: Cardiopulmonary0 lecture hrs | 0 lab hrs |
0 clinical hrs | 5 credit hrs*Prerequisite: Successful completion of all previous courses in curriculum*

The student will gain knowledge and skills necessary to intervene effectively with persons with cardiac and pulmonary problems. They will also learn to address the effects of aging on physical therapy intervention. Additionally, they will develop and enhance communication and educational design skills.

Grading System: ABCDF

MPT7312. Integration for Practice: Musculoskeletal I0 lecture hrs | 0 lab hrs |
0 clinical hrs | 6 credit hrs*Prerequisite: Successful completion of all previous courses in curriculum or permission of instructor*

This course is designed to provide students with the skills for developing and implementing plans of care for patients with simple musculoskeletal problems. Basic elements of physical therapy management including evaluation, examination, diagnosis, and intervention will be discussed and integrated into patient cases. Current and relevant issues in physical therapy will be examined including ethics.

Grading System: ABCDF

MPT7313. Integration of Practice: Medical Conditions I

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 5 credit hrs

Prerequisite: Successful completion of all previous courses in curriculum

The student will gain knowledge and skills necessary to intervene effectively with persons with cardiopulmonary problems, peripheral vascular disease, diabetes (from a physical therapy perspective), and infections and with the frail elderly. They will further develop communication and educational design skills. They will gain information about diversity issues, negotiation, and conflict resolution.

Grading System: ABCDF

MPT7351. Research I

8 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Students will identify problem to be studied, develop hypothesis, conduct literature search and write research proposal.

Grading System: Satisfactory/Unsatisfactory

MPT7410. Medical and Surgical Physical Therapy II

3 lecture hrs | 7 lab hrs | 0 clinical hrs | 6 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Study the etiology, signs, symptoms, and physical therapy management of complex medical and surgical problems. Special emphasis is placed on chronic pulmonary problems, peripheral vascular disease, amputations, and patients with multiple, medical or surgical problems.

Grading System: ABCDF

MPT7412. Integration for Practice: Musculoskeletal II

45 lecture hrs | 12 lab hrs | 0 clinical hrs | 5 credit hrs

Prerequisite: Successful completion of all previous courses in curriculum

The study of pathological, medical and therapeutic concepts relevant to specific joints, soft tissue and body regions. This course will focus on applying the general concepts, from MPT 6111, of evaluation and therapeutic management of musculoskeletal problems, to specific points, soft tissue and body regions.

Grading System: ABCDF

MPT7460. Management of Physical Therapy Services I

2 lecture hrs | 2 lab hrs |
2 clinical hrs | 2 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Study and practice of basic management principles and techniques as relate to practice of physical therapy in particular and health care systems in general.

Grading System: ABCDF

MPT7610. Neurological Physical Therapy I 7 lecture hrs | 7 lab hrs | 7 clinical hrs |
4 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Study of the etiology, signs, symptoms, medical management of selected neurological problems

Grading System: ABCDF

MPT7700. Clinical Experience 1

0 lecture hrs | 0 lab hrs | 40 clinical hrs | 3 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Students are assigned to clinical facilities where, under the direct supervision of a physical therapist, they use the knowledge and skills learned in the classroom to evaluate and treat simple orthopedic, medical and surgical problems. They document their work using proper format and terminology and to research information about problems with which they are unfamiliar.

Grading System: Satisfactory/Unsatisfactory

MPT7700X. Clinical Experience I

0 lecture hrs | 0 lab hrs | 40 clinical hrs | 3 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Students are assigned to clinical facilities where, under the direct supervision of a physical therapist, they use the knowledge and skills learned in the classroom to evaluate and treat simple orthopedic, medical and surgical problems. They document their work using proper format and terminology and to research information about problems with which they are unfamiliar.

Grading System: Satisfactory/Unsatisfactory

MPT7710. Clinical Experience II

0 lecture hrs | 0 lab hrs | 40 clinical hrs | 8 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Students are assigned to clinical facilities where, under the direct supervision of a physical therapist, they use the knowledge and skills learned in the classroom to evaluate and treat medical and surgical problems with emphasis on orthopedic conditions. They document their work using proper format and terminology, research information about problems with which they are unfamiliar, perform other duties pertinent to the duties of a physical therapist.

Grading System: Satisfactory/Unsatisfactory

MPT7710X. Clinical Experience II

0 lecture hrs | 0 lab hrs | 40 clinical hrs | 8 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Students are assigned to clinical facilities where, under the direct supervision of a physical therapist, they use the knowledge and skills learned in the classroom to evaluate and treat medical and surgical problems with emphasis on orthopedic conditions. They document their work using proper format and terminology, research information about problems with which they are unfamiliar, perform other duties pertinent to the duties of a physical therapist.

Grading System: Satisfactory/Unsatisfactory

MPT8111. Physical Therapy Practice IV

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 6 credit hrs

Prerequisite: Successful completion of all previous courses in curriculum

The study of the pathological, medical, therapeutic and communication concepts relevant to patients with complex medical and surgical problems. Special emphasis is placed on the patient with multiple medical problems in the critical care unit, patients following burns and amputations, and patients with obstetrical and gynecological disorders.

MPT8111X. Physical Therapy Practice 40 lecture hrs | 0 lab hrs | 0 clinical
hrs | 6 credit hrs*Prerequisite: Successful completion of all previous courses in curriculum*

The study of the pathological, medical, therapeutic and communication concepts relevant to patients with complex medical and surgical problems. Special emphasis is placed on the patient with multiple medical problems in the critical care unit, patients following burns and amputations, and patients with obstetrical and gynecological disorders.

Grading System: ABCDF

MPT8112. Physical Therapy Practice V0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 7 credit hrs*Prerequisite: Successful completion of all previous courses in curriculum*

the course addresses the physical therapy management of individuals with neurologic dysfunction. With an emphasis on the relationship the rehabilitation process to contemporary theories of motor control. Learning will occur in reference to a series of case problems that cover the following pathologic categories: cerebrovascular accidents, neuromuscular disorders, injury to the central nervous system, degenerative diseases, and inflammatory and infectious disorders of the nervous system.

Grading System: ABCDF

MPT8112X. Physical Therapy Practice 50 lecture hrs | 0 lab hrs | 0 clinical
hrs | 7 credit hrs*Prerequisite: Successful completion of all previous courses in curriculum*

the course addresses the physical therapy management of individuals with neurologic dysfunction. With an emphasis on the relationship the rehabilitation process to contemporary theories of motor control. Learning will occur in reference to a series of case problems that cover the following pathologic categories: cerebrovascular accidents, neuromuscular disorders, injury to the central nervous system, degenerative diseases, and inflammatory and infectious disorders of the nervous system.

Grading System: ABCDF

MPT8113. Physical Therapy Practice VI0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 10 credit hrs*Prerequisite: Successful completion of all previous courses in curriculum*

The study of normal growth and development along with pathological, medical and therapeutic concepts relevant to pediatric problems and physical

Grading System: ABCDF

MPT8113X. Physical Therapy Practice 6

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 10 credit hrs

Prerequisite: Successful completion of all previous courses in curriculum

The study of normal growth and development along with pathological, medical and therapeutic concepts relevant to pediatric problems and physical

Grading System: ABCDF

MPT8312. Physical Therapy Practice 5

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 7 credit hrs

Prerequisite: Successful completion of all previous courses in curriculum

the course addresses the physical therapy management of individuals with neurologic dysfunction. With an emphasis on the relationship the rehabilitation process to contemporary theories of motor control. Learning will occur in reference to a series of case problems that cover the following pathologic categories: cerebrovascular accidents, neuromuscular disorders, injury to the central nervous system, degenerative diseases, and inflammatory and infectious disorders of the nervous system.

Grading System: ABCDF

MPT8313. Integration for Practice: Medical Conditions 2

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 6 credit hrs

Prerequisite: Successful completion of all previous courses in curriculum

The study of the pathological, medical, therapeutic and communication concepts relevant to patients with complex medical and surgical problems. Special emphasis is placed on the patient with multiple medical problems in the critical care unit, patients following burns and amputations, and patients with obstetrical and gynecological disorders.

Grading System: ABCDF

MPT8314. Integration for Practice: Pediatrics

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 6 credit hrs

Prerequisite: Successful completion of all previous courses in curriculum or permission of instructor

Study of human development with emphasis on children under five. Designing assessments and interventions for children with neuromusculoskeletal disorders.

Grading System: ABCDF

MPT8315. Integration for Practice: Management

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: Successful completion of all previous courses in curriculum or permission of instructor

Study and practice of management principles as they apply to physical therapy specifically and health care system in general.

Grading System: ABCDF

MPT8320. Integration for Practice: Neuromuscular

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 7 credit hrs

Prerequisite: Successful completion of all previous courses in curriculum

The course addresses the physical therapy management of individuals with neurologic dysfunction. With an emphasis on the relationship the rehabilitation process to contemporary theories of motor control. Learning will occur in reference to a series of case problems that cover the following pathologic categories: cerebrovascular accidents, neuromuscular disorders, injury to the central nervous system, degenerative diseases, and inflammatory and infectious disorders of the nervous system.

Grading System: ABCDF

MPT8460. Management of Physical Therapy Services 2

6 lecture hrs | 0 lab hrs |
0 clinical hrs | 4 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor..

Forum for in-depth study of current health care delivery system, including political and economic factors which influence system reform. Changing role of physical therapy within larger healthcare system is analyzed, and issues pertaining to independent physical therapy practice are examined.

Grading System: ABCDF

MPT8500. Complex Patient Problems

2 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Integrate information related to human physiology, kinesiology, and pathology from the cellular level to the societal level. Challenges student to sort through complex patient cases involving multiple medical or surgical problems.

Grading System: ABCDF

MPT8500X. Complex Patient Problems

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Integrate information related to human physiology, kinesiology, and pathology from the cellular level to the societal level. Challenges student to sort through complex patient cases involving multiple medical or surgical problems.

Grading System: ABCDF

MPT8600. Elective

0 lecture hrs | 0 lab hrs | 40 clinical hrs | 2 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Individually designed work in Physical Therapy or health care of special interest to the student. Study may be in areas related to practice, administration or education.

Grading System: ABCDF

MPT8600X. Elective

0 lecture hrs | 0 lab hrs | 40 clinical hrs | credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Individually designed work in Physical Therapy or health care of special interest to the student. Study may be in areas related to practice, administration or education.

Grading System: ABCDF

MPT8700. Clinical Experience 3

0 lecture hrs | 0 lab hrs | 40 clinical hrs | 12 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Full time clinical practice in one or more clinical facilities. Students work with a wide variety of patients in different practice situations and are involved in patient care, administration and education as appropriate to clinical facility.

Grading System: Satisfactory/Unsatisfactory

MPT9250. Research 2

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Students obtain institutional approval for specific research project, collect and analyze data, present oral report to faculty and peers, and develop written presentation of findings in appropriate research journal article format.

Grading System: Satisfactory/Unsatisfactory

MPT9250X. Research 2

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Students obtain institutional approval for specific research project, collect and analyze data, present oral report to faculty and peers, and develop written presentation of findings in appropriate research journal article format.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

PAD8022. Concepts in Health Care Delivery

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to M.S. program

A course for health care professionals on the non-technical aspects of health care. Examples of topics to be covered are areas in quality assurance, risk management, Medicaid, Medicare, other third party payers, home health care, malpractice, ethics, etc.

Grading System: ABCDF

PAD8023. Geriatrics

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to M.S. program

Focus of course is on primary care Geriatrics. It will be conducted in a symposium format with opportunity for class/group discussion. There will be take-home assignments including a take-home examination. This will be a practice case management approach.

Grading System: ABCDF

PAD8024. Health Promotion and Disease Prevention

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admissions to M.S. program

Course designed to help develop skills to enable students to incorporate health promotion and disease prevention into clinical practice. They will do research into available community resources for possible referrals.

Grading System: ABCDF

PAD8027. Occupational/Industrial Medicine Clinical Practicum

0 lecture hrs | 0 lab hrs | 6 clinical hrs | 3 credit hrs

Prerequisite: BS and PA graduate of an accredited program.

Designed to expose the student to the role of the Physician Assistant in an occupational or industrial setting. The student will work under the supervision of the physician preceptor learning to evaluate and manage patients and to evaluate the workplace from a health, safety, and ergonomic standpoint.

Grading System:
ABCDF

PAD8028. Rural Health/independent Study Clinical0 lecture hrs | 0 lab hrs |
6 clinical hrs | 3 credit
hrs*Prerequisite: BS, PA graduate of an accredited program*

Supervised exposure to a population of patients with undifferentiated health problems and participation in the evaluation and management of those problems. The student becomes more aware of the uniqueness of rural health care practice.

Grading System: ABCDF

PAD8048. Psychosocial Issues in Medicine3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Admission to M.S. program*

Survey of more common psychosocial problems encountered by health professionals. Students will participate in lectures, discussions, role-playing, and case studies. There will be an emphasis on improving communication skills, development of counseling skills, and integration of knowledge of psychosocial principles with the clinical situation.

Grading System: ABCDF

PAD8500. Emergency Toxicologylecture hrs | lab hrs | clinical
hrs | 3 credit hrs*Prerequisite: Admission to MHE or MS program.*

Focus of this course is on the recognition and treatment of various toxicological emergencies. It will be conducted in a symposium format with many hands-on opportunities.

Grading System: ABCDF

PAD8510. Emergency Pharmacologylecture hrs | lab hrs |
clinical hrs | 1 credit hrs*Prerequisite: Admission to MHE or MS program.*

Focus of this course is to provide the EMPA resident an advanced knowledge of pharmacologic agents specific to use in the emergency arena. This course will consist of lectures and practical demonstration geared at successful application of therapeutic patient management.

Grading System: ABCDF

PAD8520. Emergency Medicine Physician Assistant Core I

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to MHE or MS program

Focus of this course is designed to provide the EMPA with a broad knowledge of the following areas: cardiovascular disorders, otolaryngologic disorders, abdominal and gastrointestinal disorder, metabolic and endocrine disorders. Instruction will be conducted in a symposium format and through hands-on clinic rotations in the emergency department. There will be assigned readings and a comprehensive examination.

Grading System: ABCDF

PAD8530. Emergency Medicine Physician Assistant Core II

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to MHE or MS program

Focus of this course is designed to provide the EMPA with a broad knowledge of the following areas: hematological disorders, musculoskeletal disorders, nervous system disorders, respiratory system disorders. Instruction will be conducted in a symposium format and through hands-on clinic rotations in the emergency department.

Grading System: ABCDF

PAD8540. Emergency Medicine Physician Assistant Core III

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to MHE or MS program

Focus of this course is designed to provide the EMPA with a broad knowledge of the following areas: disorders of obstetrics and gynecology, urogenital disorders, psychiatric disorders, dermatological disorders, ophthalmologic disorders. Instruction will be conducted in a symposium format and through hands-on clinic rotations in the emergency department. There will be assigned readings and a comprehensive examination.

Grading System: ABCDF

PAD8550. Emergency Medicine Physician Assistant Core IV

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to MHE or MS program

Focus of this course is designed to provide the EMPA with a broad knowledge of the following areas: administration in emergency medicine, the emergency medical system, emergency medical procedures with lab. Instruction will be conducted in a symposium format and through hands-on clinic rotations in the emergency department. There will be assigned readings and a comprehensive examination.

Grading System: ABCDF

PAD8700. Evaluation of the Urologic Patient

lecture hrs | lab hrs | clinical
hrs | 1 credit hrs

Prerequisite: Acceptance in the Urology postgraduate physician assistant residency program

Refines history taking skills with an emphasis on formulating differential diagnosis, selection of appropriate evaluation tools (radiographic, laboratory, etc.) needed to make a definitive diagnosis in a variety of clinical settings and interpretation of evaluatory procedure outcomes to formulate a diagnosis and treatment plan.

Grading System: ABCDF

PAD8701. Clinical Urology, Core I

lecture hrs | lab hrs | clinical hrs |
4 credit hrs

Prerequisite: Acceptance in the Urology postgraduate physician assistant residency program

Applies previously learned history taking skills and appropriate physical examination skills to integrate them into a patient evaluation, diagnostic plan, and collation of data.

Grading System: ABCDF

PAD8702. Clinical Urology, Core II

lecture hrs | lab hrs | clinical hrs |
4 credit hrs

Prerequisite: Successful completion of Clinical Urology, Core I

Builds on previously acquired skills in both history taking and physical examination components as well as formulation of diagnosis and initiation of diagnostic plans, to formulate a treatment plan.

Grading System: ABCDF

PAD8703. Clinical Urology, Core III

lecture hrs | lab hrs | clinical hrs |
5 credit hrs

Prerequisite: Successful completion of Clinical Urology, Core II

Builds on skills acquired during previous two core courses with increasing independence of action.

Grading System: ABCDF

PAD8710. Urologic Pharmacology

lecture hrs | lab hrs |
clinical hrs | 1 credit hrs

Prerequisite: Acceptance in the urology postgraduate physician assistant residency program

Expands knowledge of pharmaceuticals to include commonly used medication in the practice of urology as well as pharmaceuticals uniquely used in this practice.

Grading System: ABCDF

PAD8720. Radiographic Evaluation

lecture hrs | lab hrs | clinical
hrs | 3 credit hrs

Prerequisite: Acceptance in the urology postgraduate physician assistant residency program

Equips the physician assistant resident with knowledge to obtain, interpret, and apply data from radiographic studies.

Grading System: ABCDF

PAD8730. Urodynamics

lecture hrs | lab hrs | clinical
hrs | 3 credit hrs

Prerequisite: Acceptance in the Urology postgraduate physician assistant program

The focus is on the use, performance of, and interpretation of urodynamics studies in the urologically intact and urologically impaired patient with an emphasis on interpretation of studies and application to patient care.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

PHY8310. Molecular Motorslecture hrs | lab hrs | clinical hrs |
3 credit hrs*Prerequisite: Biomedical Sciences first-year core courses.*

An upper level survey course on the expression, structure/function, regulation, and disease processes associated with molecular motors. Studies will focus on the molecular motor Myosin in its conventional and unconventional forms.

Grading System: ABCDF

PHY8320. Advanced Neural and Endocrine Systemslecture hrs | lab hrs | clinical hrs |
2 credit hrs*Prerequisite: Biomedical Sciences first-year core courses.*

Understanding the integration of neural and endocrine systems is one of the cornerstones of modern physiology. This course will examine in detail the regulation and functional interaction of the neural, immune, and reproductive systems. Specific emphasis will be placed on understanding the complex networks of feedback control leading to whole organism homeostasis.

Grading System: ABCDF

PHY8330. Teaching Practicum in Medical Physiology

lecture hrs | lab hrs | clinical hrs | 1 credit hrs

Prerequisite: Biomedical Sciences first-year core courses.

Mentored approach to gaining practical experience lecturing in a medical physiology course.

Grading System: Satisfactory/Unsatisfactory

PHY9010. Seminar in Physiology and Endocrinology

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: Admission to a graduate program

Attendance and participation in research presentations by MCG faculty and visiting research scientists.

Grading System: Satisfactory/Unsatisfactory

PHY9020. Seminar in Physiology and Endocrinology

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: Admission to a graduate program

Attendance and participation in research presentations by MCG faculty and visiting research scientists.

Grading System: Satisfactory/Unsatisfactory

PHY9210A. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Admission to a graduate program

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

PHY9210B. Investigation of a Problem

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Admission to a graduate program

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

PHY9300A. Research

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Permanent assignment to a specific lab with a faculty advisor and a defined research project.

The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of a Ph.D. dissertation or M.S. thesis.

Grading System: Satisfactory/Unsatisfactory

PHY9300B. Research

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Permanent assignment to a specific lab with a faculty advisor and a defined research project.

The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of a Ph.D. dissertation or M.S. thesis.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

RTH7500. Research Techniques in Respiratory Care 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: STA 6800, 6810, or AHS 9020 and permission of the department. RRT certified

This course is designed to assist the graduate student in formulating a research topic in respiratory care and then reviewing the related literature.

Grading System: ABCDF

RTH8000. Techniques in Extracorporeal Membrane Oxygenation 1 lecture hrs | 4 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: PHM 8100, PHY 8020, PHY 8060, Neonatal/Perinatal respiratory care, RRT certified

This course is designed to familiarize the student with the technique of Extracorporeal Membrane Oxygenation (ECMO), its moral, ethical, and legal implications, as well as impart clinical skills necessary to perform ECMO at the patient's bedside.

Grading System: ABCDF

RTH8140. Research and Pulmonary Function Testing 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: RRT certified with undergraduate course in pulmonary function testing or equivalent, STA 6800, and STA 6810

An in-depth review and evaluation of pulmonary function testing (PFT) procedures for the purpose of developing research utilizing PFT equipment.

Grading System: ABCDF

RTH8141. Research and Pulmonary Function Testing Lab 0 lecture hrs | 5 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: RRT certified with undergraduate course in pulmonary function testing or equivalent, STA 6800, and STA 6810

Labs will be designed to gain proficiency in selected PFT procedures, quality control and calibration of equipment, and designing pilot studies consistent with course required research proposals.

Grading System: ABCDF

RTH8170. Advanced Neonatal/perinatal Care 2 lecture hrs | 2 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: RTH 4417 Newborn/Pediatric Respiratory Care or similar undergraduate course, RRT certified

This course will be an in-depth look at neonatal and perinatal respiratory care, stressing neonatal pulmonary function testing, neonatal resuscitation, and advanced ventilatory techniques.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

VBI8010. Fundamental Principles in Vascular Biology lecture hrs | lab hrs | clinical hrs | 3 credit hrs

Prerequisite: Completion of 1st year Biomedical sciences graduate core curriculum or consent of course director.

An in-depth study of vascular biology based on the current literature. Molecular mechanisms of vascular physiology and pathophysiology will be correlated to an integrated functional analysis at the tissue and organ level. Emphasis will be given to state-of-the-art methodologies and novel theories of mechanisms regulating vascular function

Grading System: ABCDF

VBI8020. New Frontiers in Vascular Biology lecture hrs | lab hrs | clinical hrs | 2 credit hrs

Prerequisite: Completion of 1st year Biomedical sciences graduate core curriculum or consent of course director.

Current techniques, concepts and trends in vascular biology research. Several topics are usually presented and are varied each time the course is presented. See course director for details.

Grading System: ABCDF

VBI9010. Seminar in Vascular Biology lecture hrs | lab hrs | clinical hrs | 1 credit hrs

Prerequisite: Enrollment in the Vascular Biology Graduate Program

Seminar in Vascular Biology

Grading System: Satisfactory/Unsatisfactory

VBI9210. Investigation of a Problem in Vascular Biology lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Enrollment in Vascular Biology Graduate Program.

Laboratory rotation course where the student works with individual faculty members on a specific research topic. This provides an introduction to techniques utilized in that laboratory as well as in introduction to the scientific method.

Grading System: Satisfactory/Unsatisfactory

**VBI9300. Research in
Vascular Biology**

lecture hrs | lab hrs | clinical hrs | 1 - 12 credit hrs

Prerequisite: Enrollment in Vascular Biology Graduate Program and permanent assignment to a specific laboratory with faculty advisor and defined research project.

The student works closely with his/her faculty thesis/dissertation mentor an in-depth study of a research question of interest to both student and mentor. This course culminates in the preparation of a Ph.D. dissertation or M.S. thesis.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)



Guide to Course Descriptions School of Medicine

Discipline	Prefix
Anatomy, Medicine	ANM
Anesthesiology	ANS
Biochemistry, Medicine	BMB
Emergency Medicine, Medicine	EMED
Family Medicine	FMP
Interdisciplinary Courses, Medicine	ITD
Medicine	MED
Neurology, Medicine	NEU
Obstetrics and Gynecology, Medicine	OBG
Ophthalmology, Medicine	OPH
Pathology, Medicine	PTH
Pediatrics, Medicine	PED
Pharmacology, Medicine	PHM
Physiology, Medicine	PHY
Psychiatry, Medicine	PSY
Radiology, Medicine	RAD
Surgery, Medicine	SUR

[Return to Course Descriptions Home](#)

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Please email comments, suggestions or questions to Rita Garner,
registrar@mail.mcg.edu

June 23, 2003

ANM5001. Advanced Studies in Medical Gross Anatomy

10 lecture hrs | 35 lab hrs | 0 clinical hrs | 7 credit hrs

Prerequisite: Senior Students Only

Independent studies of human gross anatomy with detailed dissections of human cadaver material. The student may concentrate upon an area or areas of particular need or interest, such as head and neck, limbs, body cavities or pelvis and perineum. Students are expected to explore the literature pertinent to their area(s) of interest in textbooks and journals.

Grading System: ABCDF

ANM5002. Research Elective in Anatomy (Special Elective—Green Sheet)

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 7 credit hrs

Prerequisite: Approval by Faculty Member with whom research will be done

Opportunity to participate in research programs being conducted by members of the faculty of the Department of Cellular Biology and Anatomy. Arrangements to be made by the students with a member of the faculty.

Grading System: ABCDF

ANM5085. Phase I Elective: Medical Gene Therapy

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This elective will be a short comprehensive introduction to medical gene therapy. Subjects to be covered include uses and limitations, the "big 3" viral vector systems (retroviral, adenoviral, and adeno-associated viral), non-viral delivery systems, diseases for which gene therapy has been attempted, and medical and ethical concerns. Subjects will be covered by a brief introduction by one of the participating faculty followed by discussion.

Grading System: Satisfactory/Unsatisfactory

ANM5085E. Essentials of Education

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 0 credit hrs

Prerequisite: None

Essentials of Education is designed for students interested in teaching and assisting in summer courses or those interested in academic medicine. The student will learn how to organize handouts and lectures, how to sift through web resources, produce coherent lectures for presentation, how to field questions, and prepare quality exam questions.

Grading System: Satisfactory/Unsatisfactory

ANM5085P. Phase I Elective:**Clinical Anatomy of the Pelvis and Inguinofemoral Region** 0 lecture hrs | 2 lab hrs | 0 clinical hrs | 1 credit hrs*Prerequisite: None*

The students will be offered laboratory experience and clinical literature pertinent to their interest in obstetrics, gynecology or surgery, or a combination of these. The principle objective for the student includes a broadening of understanding and manual skills to enhance their preparation for clinical experience.

Grading System: Satisfactory/Unsatisfactory

ANM5110. Gross Anatomy

5 lecture hrs | 6 lab hrs | 0 clinical hrs | 7 credit hrs

Prerequisite: First year standing in the School of Medicine.

Study of the anatomy of the human body as applicable to clinical practice. Lectures, laboratory and demonstration materials are directed studies.

Grading System: ABCDF

ANM5130. Cell Biology & Development

3 lecture hrs | 3 lab hrs | 0 clinical hrs | 7 credit hrs

Prerequisite: None

The microscopic anatomy and development of all human organ systems as well as the cellular biology of various tissues and organs are taught in detail.

Grading System: ABCDF

ANM5130A. Histology and Development

3 lecture hrs | 3 lab hrs | 0 clinical hrs | 7 credit hrs

Prerequisite: None

The microscopic anatomy and development of all human organ systems as well as the cellular biology of various tissues and organs are taught in detail.

Grading System: ABCDF

ANM5130B. Histology and Development

3 lecture hrs | 3 lab hrs | 0 clinical hrs | 7 credit hrs

Prerequisite: None

The microscopic anatomy and development of all human organ systems as well as the cellular biology of various tissues and organs are taught in detail.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

ANS5001. Anesthesiology Four Week Clerkship6 lecture hrs | 1 lab hrs |
40 clinical hrs | 7 credit hrs*Prerequisite: None*

Basic elective, which includes pre- and post-anesthetic evaluation and management of patients before, during and after anesthesia. Topics covered include airway management, pharmacology and physiology as applied to anesthesia, patient monitoring, and basics of mechanical ventilation. The student will also observe or participate in a variety of procedures including endotracheal intubation, intravenous and intraarterial cannulation, invasive cardiovascular monitoring and regional anesthesia. The student will also be exposed to the use of drugs for sedation, hypnosis, neuromuscular blockade, and hemodynamic manipulation. The student is expected to attend a student lecture series as well as all resident teaching conferences. The students also give a brief presentation and take an exam at the end of the course (Dr. Weatherred)

Grading System: ABCDF

ANS5002. Anesthesiology Research Elective (Special Elective)0 lecture hrs | 0 lab hrs |
0 clinical hrs | 7 credit hrs*Prerequisite: ANS 5001 + Acceptance by Chairman of Department of Anesthesiology*

The Department of Anesthesiology has an ongoing program in research. This area is available for student participation, depending on the student's background, and interests, as well as projects that are then current in the department. The student will attend all teaching seminars and conferences. (Dr. Boedeker)

Grading System: ABCDF

ANS5003. Anesthesiology Preceptorship (Special Elective—Green Sheet)10 lecture hrs | 0 lab hrs |
40 clinical hrs | 7 credit hrs*Prerequisite: None*

Clinical experience in Anesthesiology in an off campus hospital approved by Departmental Chairman.

Grading System: ABCDF

ANS5004. Respiratory Care Elective16 lecture hrs | 0 lab hrs | 0 clinical
hrs | 2 credit hrs*Prerequisite: None*

The first three weeks of the rotation will focus on respiratory pathophysiology as related to the patients problems and on the appropriate treatment. Specifically the first week involves oxygen, jet nebulizer and chest physiology. The second and third week focus on mechanical ventilation. The last week is reserved for BLS and ACLS certification. (Ms. Pam Rosema, M.H.S.A., R.R.T.)

Grading System: ABCDF

ANS5005. Anesthesia Subspecialty Elective (Special Elective) 0 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: ANS 5001 and acceptance by Chairman

The Department of Anesthesiology provides a complete range of subspecialty anesthesia care, including obstetric, ambulatory and neurosurgical anesthesia. This elective is available for the student who has completed ANS 5001 and wishes to explore a particular area of anesthesia indepth. The student will work with a faculty member or members in a particular subspecialty and emphasis will be placed on anesthetic concerns of that subspecialty. The student is expected to attend all resident teaching conferences. (Dr. Weatherred)

Grading System: ABCDF

ANS5007. Pediatric Anesthesia Elective 1 lecture hrs | 0 lab hrs | 8 clinical hrs | 7 credit hrs

Prerequisite: None

Introduction to the Perioperative anesthesia care of infants and children. Emphasis will be on anesthesia care unique to children and on preparation of the patient and parent for the operative experience. The student will attend all teaching seminars and conferences. Preferences given to students going into an anesthesiology or pediatric residency. (CMC Anesthesiology Staff)

Grading System: ABCDF

ANS5008. Pain Management Elective 2 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: None

Closely supervised clinical experience in the management of acute and chronic pain. The experience will take place within the structure of the MCG Multidisciplinary Pain Center and the inpatient wards of the Medical College of Georgia Hospital and will include diagnosis and treatment of chronic pain and the treatment of modalities for acute pain. The student will attend all scheduled teaching seminars and conferences. (Dr. Martin and Dr. Finnegan)

Grading System: ABCDF

ANS5009. Cardiovascular and Thoracic Anesthesiology Elective

6 lecture hrs | 0 lab hrs |
40 clinical hrs | 7 credit hrs

Prerequisite: None

The elective includes anesthesia management of adult patients undergoing major surgery of the heart and aorta, as well as thoracic procedures. Special emphasis will be on preoperative evaluation and intraoperative management of patients with ischemic and valvular heart disease, vascular disease and pulmonary disease. It is an opportunity for students to participate in advanced anesthetic techniques such as placement of invasive monitoring, meticulous control of hemodynamics, anticoagulation and reversal, cardiopulmonary bypass, pharmacologic and mechanical support of circulation, and one-lung ventilation. The student will attend all scheduled teaching seminars and conferences. (Dr. Weatherred)

Grading System: ABCDF

ANS5085. Phase I Elective: Introduction to Anesthesiology

1 lecture hrs | 0 lab hrs | 1 clinical hrs | 1 credit hrs

Prerequisite: None

An elective for freshman medical students offered to allow the student to have exposure to the exciting and dynamic specialty of anesthesiology. The focus will be on observing rather than hands on performance of anesthesia.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

BMB5120. Biochemistry and Genetics

6 lecture hrs | 0 lab hrs |
0 clinical hrs | 7 credit hrs

Prerequisite: First year standing in the School of Medicine.

Covers the chemistry and reactions of the constituents of living matter, metabolism and control mechanisms at levels of biological organization from subcellular to organism.

Emphasis on medical application.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

EMED5001. Emergency Medicine Clerkship9 lecture hrs | 0 lab hrs | 40 clinical
hrs | 10 credit hrs*Prerequisite: Core Curriculum*

This month rotation is structured to give the student an introduction to the specialty of Emergency Medicine. The rotation is designed to provide an opportunity for the student to gain experience in dealing with conditions routinely seen in the practice of Emergency Medicine. Clinical instruction in the initial evaluation and stabilization of the acutely ill and injured patient will be provided by working alongside Emergency Medicine faculty who are present 24 hours a day. The rotation provides ample clinical experience and patient contact. The schedule includes approximately 40 hours of patient contact a week and EMS experience. There is assigned reading and a final exam. Students will rotate at one of several sites, including MCG, Ft. Gordon, Aiken, and Tifton. Sites are subject to change. Students will be assigned to the sites on a "first come" basis. Housing is provided at very remote sites. More information can be obtained by contacting Melissa Powell in the Department of Emergency Medicine, MCG Ext. 4412.

Grading System: ABCDF

**EMED5002. Emergency Medicine Clerkship Off
Campus (Special Elective–Green Sheet)**0 lecture hrs | 0 lab hrs |
40 clinical hrs | 7 credit hrs*Prerequisite: Core Curriculum*

This is a special off campus elective arranged through the Department of Emergency Medicine at MCG. The months rotation is structured to give the student an introduction to the Specialty of Emergency outside the Medical College. Teaching materials and exam are the same as EMED 5001. The rotation is the same as Emergency Medicine 5001 in all aspects except for the location. The schedule includes approximately 9 hours of daily patient contact five days a week (180 hours total). Contact person in Emergency Medicine is Melissa Powell at MCG Ext. 4412.

Grading System: ABCDF

**EMED5003. Pediatric Emergency Medicine
Clerkship (Special Elective–Green Sheet)**2 lecture hrs | lab hrs |
40 clinical hrs | 7 credit hrs*Prerequisite: Core Curriculum*

This elective will expose the student to the wide variety of pediatric illnesses and injuries, which present to the Emergency Department. The student will assume progressive responsibility in the management of trauma, major and minor medical illnesses, and minor surgical procedures. Students will work directly with the Pediatric Emergency Medicine Attending or the Emergency Medicine Attending. The rotation setting will be in the Children's Medical Center Emergency Department. Shifts will be scheduled primarily during afternoons and evenings as well as 2 weekends. There is an open book exam and small project due at the end of each rotation. Contact person is Dr. Lorna Bell at MCG Ext. 4412.

Grading System: ABCDF

EMED5004. Research in Emergency Medicine (Special Elective–Green Sheet)

lecture hrs | lab hrs |
clinical hrs | 7 credit hrs

Prerequisite: Approval by faculty member with whom research will be done

Opportunity to participate in research projects in conjunction with members of the faculty of the Department of Emergency Medicine. Arrangements to be made by the student with a member of the faculty. Students will be required to submit a summary of their research findings in abstract form to receive credit for the elective. If the duration of the work is more than one month, students only receive credit for a one month elective. Contact person is Dr. Jim Wilde at MCG Ext. 4412

Grading System: ABCDF

EMED5005. Emergency Medicine Externship Off-Campus

lecture hrs | lab hrs | clinical
hrs | 7 credit hrs

Prerequisite: EMED 5001 or EMED 5002 (See Electives Bulletin at <http://www.mcg.edu/SOM/electives/index.html>)

This special off-campus rotation will be arranged by the student with an off-site hospital which accepts off-campus students for an Emergency Medicine rotation. The rotation will include nine hours of patient contact in addition to didactic sessions offered by the site. Teaching materials will be provided by the chosen faculty and an examination at the end of the rotation may be required depending on the selected site. The special request green sheet must be completed and submitted for final approval. Contact person in Emergency Medicine is Dr. Harmut Gross at MCG, ext. 3365.

Grading System: ABCDF

EMED5007. International and Travel Medicine (Special Elective - Green Sheet)

2 lecture hrs | 2 lab hrs | 40 clinical
hrs | 7 credit hrs

Prerequisite: Successful completion of third year of medical school

This will be a supervised clinical experience with students engaging in patient care under the direct supervision of faculty trained and familiar with travel medicine, clinical tropical medicine, and medicine in the developing world.

Grading System: ABCDF

EMED5085. Phase I

**Elective: Freshman
Elective in Emergency
Medicine**

0 lecture hrs | 0 lab hrs | 2 clinical hrs | 1 credit hrs

Prerequisite: None

Students will shadow a senior student or emergency medicine resident in the initial assessment and management of undifferentiated patients. There will be interaction with the attending physician on all patients. Activities will be entirely clinical.

Grading System: Satisfactory/Unsatisfactory

EMED5085W. Phase I

**Elective: Introduction to
Wilderness Medicine**

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Weekly seminars will be conducted by the Emergency Medicine physicians on a wide variety of topics encompassed by the expanse of Wilderness Medicine. Subjects covered will include envenomations, altitude illness, heat and cold injuries, water purification, traveler's diarrhea, and dive medicine, etc. Subjects covered can be tailored to group interest and experience.

Grading System: Satisfactory/Unsatisfactory

EMED5085WM. Phase II

**Elective: Introduction to
Wilderness Medicine**

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Weekly seminars will be conducted by the Emergency Medicine physicians on a wide variety of topics encompassed by the expanse of Wilderness Medicine. Subjects covered will include envenomations, altitude illness, heat and cold injuries, water purification, traveler's diarrhea, and dive medicine, etc. Subjects covered can be tailored to group interest and experience.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

FMP5000. Basic Clerkship Family Medicine3 lecture hrs | 0 lab hrs | 40 clinical hrs |
15 credit hrs*Prerequisite: Successful completion of Phase I*

This six week clerkship is a supervised experience in the evaluation and management of patients seen primarily in the ambulatory family medicine practice setting. Many of the patients have undifferentiated health problems. Evaluation and management of health problems are emphasized. Students may draw assignments at the following Georgia Family Medicine Residency Programs: Medical College of Georgia and TriCounty Satellite Clinics

Grading System: ABCDF

FMP5003. Preceptorship Family Practice (Special Elective)5 lecture hrs | 0 lab hrs |
50 clinical hrs | 10 credit hrs*Prerequisite: None*

The student may choose from Preceptors in various communities across the state who have agreed to assist in medical student teaching. These Preceptors, who have been screened by the Joint Board of Family Practice, have undergone training for their teaching roles. This elective provides the student with a supervised experience in the evaluation and management of patients with undifferentiated clinical problems encountered in the practice of Family Medicine. The student will participate in the office practice, hospital rounds, house calls, emergency room visits, and selected community activities. (Participation in the elective must be arranged and approved by the Department of Family Medicine; contact Medical Student Coordinator, Ext. 4075.)

Grading System: ABCDF

FMP5004. Clinical and/or Research Elective in Family Medicine (Special Elective)1 lecture hrs | 0 lab hrs | 50 clinical hrs |
7 credit hrs*Prerequisite: None*

Students wanting to pursue special educational electives with Family Medicine Preceptors, Residencies or Faculty can make arrangements for this unique experience through the department of Family Medicine. These experiences could include: patient care, research, special projects involving Psychosocial aspects of Medicine, drug dependency, family therapy, and other issues related to the provisions of health care to entire families. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact Medical Student Curriculum Coordinator, ext. 4075.)

FMP5007. Family Medicine Residency Externship, FMP Residency Program, Floyd Medical Center, Rome, GA

5 lecture hrs | 0 lab hrs | 50 clinical hrs | 10 credit hrs

Prerequisite: FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000

This elective with the Family Practice Residency Training Program of the Floyd Medical Center in Rome, Georgia, provides the student with clinical experience in both ambulatory and inpatient settings of Family Practice. Concepts of comprehensive and longitudinal health care will be emphasized. In addition to the clinical exposure, the student will also participate in daily group and individual teaching sessions.

Grading System: ABCDF

FMP5009. Family Practice Residency Externship, Memorial Medical Center, Savannah, GA

5 lecture hrs | 0 lab hrs | 50 clinical hrs | 10 credit hrs

Prerequisite: FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000

This elective at the Family Practice Residency Training Program of the Memorial Medical Center in Savannah, Georgia, provides the student with clinical experience in both ambulatory and inpatient settings of Family Medicine. In addition to the clinical exposure, the student also participates in daily group and individual teaching sessions. The student also participates in the provision of longitudinal and comprehensive health care.

Grading System: ABCDF

FMP5010. Family Practice Rural Medicine Externship, Warrenton, GA (Special Elective)

5 lecture hrs | 0 lab hrs | 50 clinical hrs | 10 credit hrs

Prerequisite: FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000

This elective is rural Family Medicine and is provided through the TriCounty Health System, Inc. in Warrenton, Crawfordville and Gibson, Georgia, which serves as a rural teaching site for the Family Practice Residency Program at the Medical College of Georgia. The student has supervised exposure to a population of patients with undifferentiated health problems and actively participates in the evaluation and management of these problems. The student becomes familiar with the uniqueness of rural health care practice and establishes an appreciation for frequently encountered problems both acute and chronic. The student also has daily group and individual teaching sessions. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact Medical Student Curriculum Coordinator, ext. 4075.)

Grading System: ABCDF

FMP5011. Subinternship in Inpatient Family Medicine, Family Medicine Program, Medical College of Georgia

7 lecture hrs | 0 lab hrs |
50 clinical hrs | 10 credit hrs

Prerequisite: FMP 5000

This elective is provided through the Family Medicine Inpatient Service of the Department of Family Medicine, Medical College of Georgia. This service provides the student with an in-depth exposure to the broad range of medical problems confronting the Family Physician in a hospital environment. The student assumes the primary medical care responsibilities for patients on the service and is supervised by Family Medicine Faculty and Senior Family Medicine residents. The student participates in all phases of patient evaluation from admission to discharge planning. Further information regarding this elective may be obtained from Julie Hendrich, M.D., Department of Family Medicine, 721-4674. (Participation in this elective must be arranged and approved by the Department of Family Medicine, Medical College of Georgia; contact Student Curriculum Coordinator, ext. 4075).

Grading System: ABCDF

FMP5013. Family Practice Residency Externship, Albany, GA (Special Elective)

5 lecture hrs | 0 lab hrs | 50 clinical
hrs | 10 credit hrs

Prerequisite: FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000

The elective at the Southwest Georgia Family Practice Program at Phoebe Putney Memorial Hospital in Albany, Georgia provides the student with clinical experience in both ambulatory and inpatient settings of Family Medicine. In addition to the clinical exposure, the student also participates in daily group and individual teaching sessions. The student also participates in the provision of longitudinal and comprehensive health care.

Grading System: ABCDF

FMP5014. Family Practice Residency Externship, Morrow, GA (Special Elective) 5 lecture hrs | 0 lab hrs | 50 clinical hrs | 10 credit hrs

Prerequisite: FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000

This elective with the Family Practice Residency Program of Georgia Baptist Medical Center is located in Morrow, Georgia (17 miles south of the hospital). It provides the student with clinical experience in both ambulatory and inpatient settings of Family Practice. A special emphasis of our rotation is the incorporation of the principles of Community Oriented Primary Care in the curriculum. Longitudinal ambulatory care is stressed during the rotation. The student will also participate in all lectures and in individual teaching sessions.

Grading System: ABCDF

FMP5015. Primary Care Sports Medicine (Special Elective) 5 lecture hrs | 0 lab hrs | 50 clinical hrs | 7 credit hrs

Prerequisite: None

The primary care sport medicine elective is a clinical rotation for students interested in sports medicine. Through this rotation the student will be exposed to the wide range of sports medicine problems managed by a family practice sports medicine physician. The student will receive clinical experience in the Sports Medicine Clinic at MCG as well as participating in the field-side medical coverage of various sporting events in the community. Following this rotation the student should be able to perform a thorough musculoskeletal physical examination and be familiar with the management of common sports medicine injuries. The student will be evaluated on their ability to perform the musculoskeletal examination and their evaluation of patients during the rotation. (Participation in this elective must be arranged through and approved by the Department of Family Medicine Student Curriculum Coordinator, ext. 4075.)

Grading System: ABCDF

FMP5016. Family Practice Residency Externship, Waycross, GA (Special Elective) 7 lecture hrs | 0 lab hrs | 50 clinical hrs | 10 credit hrs

Prerequisite: FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000

This elective with the residency program of the Satilla Regional Medical Center is located in Waycross and Blackshear, Georgia. It provides the student with clinical experience in both ambulatory and inpatient settings of Family Practice and will emphasize continuity of care. Community involvement will also be stressed. The student will participate in daily group and individual teaching sessions.

Grading System: ABCDF

FMP5018. Salvation Army Homeless Medical Clinic, Augusta, GA (Special Elective)

1 lecture hrs | 0 lab hrs | 30 clinical hrs |
7 credit hrs

Prerequisite: None

This elective consists of attendance at the Thursday evening clinics (four Thursdays) and three day clinics per week. Also required is attendance at one lecture and one workshop per week. Lectures would address issues related to the homeless population in general as well as medical care issues. Included in these lectures would be group discussions of topics such as: problems faced by the homeless population; events leading to a person becoming homeless and disease and illness in the homeless population. Workshops will cover skills relative to acute care settings. Students enrolled in this elective will also be required to complete a project related to health care and the homeless. Students will be required to meet with a facilitator once per week for project management. At the end of the elective, students will be required to formally present the project to the course director, students and other interested parties. Projects could lead to potential publication.

Grading System: ABCDF

FMP5019. Phase III Elective: Procedures in Family Medicine

10 lecture hrs | 0 lab hrs | 30 clinical hrs | 7 credit hrs

Prerequisite: Successful completion of Core Rotations

This is a clinical elective offered in the Department of family Medicine at MCG with special emphasis on procedural medicine. This rotation is designed for medical students with an interest in Family Medicine and a desire to learn more about procedures commonly performed by family physicians. Students will be assigned on half day clinic per week in each of the following: flexible sigmoidoscopy, upper endoscopy, minor surgery, treadmill evaluations and osteopathic manipulations. Remaining time will be spent evaluations patients in the Family Medicine Center. (Participation in this elective must be approved by the Department of Family Medicine, MCG. Contact the Medical Student Coordinator, ext 1-4075)

**FMP5085A. Phase I
Elective: Continuity
Clerkship in Family
Medicine**

0 lecture hrs | 3 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

It is the goal of the Family Medicine clerkship elective to assist the student in confronting and dealing with the intense experiences which are part of the process of becoming a physician as well as the realistic application of technical knowledge and skills to the practice of medicine. The student will have the opportunity to (1) be exposed to role models demonstrating good doctor/patient relationships; (2) apply basic science knowledge to patient problems; (3) learn interviewing skills by observation and practice; (4) improve physical diagnosis techniques; (5) observe and practice office procedures and skills (veni puncture, suturing and EKG); (6) learn various aspects of longitudinal care; (7) present patient problems to faculty; and (8) enter into problem solving process with fellow students and faculty.

Grading System: Satisfactory/Unsatisfactory

**FMP5085C. The Spirit
Catches You**

2 lecture hrs | lab hrs | clinical hrs | 1 credit hrs

Prerequisite: None

An overall view of the cultural clashes that exist between patient culture and the culture of medicine. Applications of explanatory models will be applied to local cultures and/or those selected by students.

Grading System: Satisfactory/Unsatisfactory

**FMP5085G. Geriatric
Medicine/Geriatric Psychiatry**

2 lecture hrs | lab hrs | clinical hrs | 1 credit hrs

Prerequisite: None

A study in common medical and psychiatric problems. Students learn the basics of the mental status exam and physiological changes occurring with normal aging.

Grading System: Satisfactory/Unsatisfactory

FMP5085H. Phase I

**Elective: Salvation Army
Homeless Medical Clinic
Elective**

0 lecture hrs | 0 lab hrs | 38 clinical hrs | 1 credit hrs

Prerequisite: None

This elective experience consists of attendance at six medical clinics at the Salvation Army over the course of the semester. During their time at the clinic, the students will gain experience in taking vitals and gathering subjective information from patients on an individual basis. Guided by junior and senior students and attending and resident physicians, the first year students will also gain experience in the area of physical examination of patients, formulation of a diagnosis, and in planning course of action for patients with whom they are involved.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

**ITD5008. USMLE Step 1
Preparation Elective**

lecture hrs | lab hrs | clinical hrs | 1 credit hrs

Prerequisite: Phase I and Phase II

This elective is designed for those students who have experienced difficulty in passing USMLE Step1. The elective will be tailored to each individual student's needs. Students are required to submit a written study plan to include: 1) preparation strategies and resources to be used and 2) study schedule with the number of preparation hours per day and the specific topics covered. Students must demonstrate communication with their faculty advisor on a weekly basis. Grading is pass/ fail. Students must meet all the requirements to successfully pass the elective. This elective is by arrangement only. (Dr. T. Andrew Albritton, Associate Dean for Curriculum)

Grading System: Satisfactory/Unsatisfactory

**ITD5009. USMLE Step 1
Preparation Elective**

lecture hrs | lab hrs | clinical hrs | 1 credit hrs

Prerequisite: Phase I and Phase II

This elective is designed for those students who have experienced difficulty in passing USMLE Step1. The elective will be tailored to each individual student's needs. Students are required to submit written study plan to include: 1)preparation strategies and resources to be used and 2) study schedule with the number of preparations hours per day and the specific topics covered. Students must demonstrate communication with their faculty advisor on a weekly basis. With the board review course of their choice as part of the elective. Grading is pass/fail. Students must meet all the requirements to successfully pass the elective. This elective is by arrangement only. (Dr. T. Andrew Albritton, Associate Dean for Curriculum)

Grading System: Satisfactory/Unsatisfactory

**ITD5085. Phase I Elective:
Pathophysiology: Clinical
Correlates and Molecular
Medicine**1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit
hrs*Prerequisite: None*

This seminar will use clinical case discussions to analyze topics in pathophysiology that relate to molecular mechanisms of disease. Sessions will include case discussions and analysis of relevant journal articles.

Grading System: Satisfactory/Unsatisfactory

ITD5085A. Phase I Elective:**Seminars in Complementary and Alternative Medicine**

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Elective will consist of five to six sessions with guest speakers. Speakers will talk about their backgrounds and training, their areas of practice, and how their fields of healing complement conventional therapies. Areas of interest will include chiropractic, osteopathic, herablism, massage therapy, aromatherapy and others. Students must attend at least four sessions for credit.

Grading System: Satisfactory/Unsatisfactory

ITD5085B. Phase I**Elective: Spirituality and Religion in Medicine**

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This class will provide a survey of health-care related issues in several major world religions, such as Christianity, Islam, Judaism, Hinduism, and Buddhism, as well as a few lesser-known ones. This general background will enable students to serve as more informed, compassionate, and effective physicians through a more wholistic approach to their patients.

Grading System: Satisfactory/Unsatisfactory

ITD5085C. Beyond the Path Reportlecture hrs | lab hrs | clinical hrs |
1 credit hrs*Prerequisite: None*

This course will focus on issues surrounding end of life care. Through the use of lecture, small group discussion, and hospice patient interaction, the students will gain skills and knowledge of effective palliative & hospice care.

Grading System: ABCDF

ITD5098C. Off-Campus Summer Preceptorship0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs*Prerequisite: None*

This elective is offered to provide the student with experience in an off-campus setting. The student will make arrangements to accompany a mentor or preceptor in his/her office and/or hospital functions during the period of the elective.

Grading System: ABCDF

ITD5170. Neuroscience9 lecture hrs | 2 lab hrs |
0 clinical hrs | 6 credit hrs*Prerequisite: First year standing in the School of Medicine.*

An integrated course covering the structure and function of the human nervous system, with an introduction to clinical applications. The Departments of Cell Biology and Anatomy, Physiology and Endocrinology, Neurology, and the Division of Neurosurgery participate.

Grading System: ABCDF

ITD5250. Medical Microbiology6 lecture hrs | 1 lab hrs | 0 clinical hrs |
12 credit hrs*Prerequisite: Completion of Phase I*

This course combines principles of immunology, medical microbiology and infectious diseases.

Grading System: ABCDF

ITD5260. Introduction To Clinical Medicine4 lecture hrs | 0 lab hrs | 0 clinical
hrs | 6 credit hrs*Prerequisite: Completion of Phase I*

Introduces selected topics in medicine, pediatrics, surgery, obstetrics and gynecology. Relates pathophysiological and biochemical abnormalities of disease processes to the clinical signs and symptoms of the disease.

Grading System: ABCDF

**ITD5295A. National Board
Review I**

4 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Completion of Phase I

A systematic review for the USMLE Step I examination

Grading System: Satisfactory/Unsatisfactory

**ITD5295B. National Board
Review II**

4 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: Completion of Phase I

A systematic review for the USMLE Step I examination

Grading System: Satisfactory/Unsatisfactory

**ITD5540. Basic
Science Review**

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 12 credit hrs

Prerequisite: None

The purpose of this variable credit hour course is to assist Phase 2 medical students who have been unsuccessful in previous bid(s) to pass the United States Medical Licensing Examination: Part 1 (USMLE:S1). Enrolled students will engage in a structured basic science review under the supervision of the course director. Typically, the review will address the nine major science disciplines represented on the USMLE:S1, i.e, gross anatomy, behavioral sciences, biochemistry (including genetics), cell biology (histology and embryology), microbiology, neuroscience, pathology, pharmacology, and physiology. Relative emphasis given to each basic science discipline will be determined by the student's performance on previous administration(s) of the USMLE:S1. The course will feature selective audit of Phase 1 and 2 courses being taught during the Spring semester, guided self-study supported by peer tutoring, and faculty consultations/tutoring. Enrolled students will be obligated to commit themselves to the course's requirements by signing a participation contract.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

MED5000. Basic Clerkship Medicine0 lecture hrs | 40 lab hrs | 30 clinical
hrs | 10 credit hrs*Prerequisite: None*

This 12 week core clerkship provides background in the fundamentals, principles and skills of Internal Medicine. Students actively participate in patient care as a member of the health care team. Bedside clinical skills, patient presentations, write-ups, logical approach to diagnostic decision making, as well as accumulation and synthesis of medical knowledge are emphasized. Every effort is made for all students to spend 8 weeks on inpatient services (at least one month on a general medicine service) and one month (if possible) in the ambulatory setting.

Grading System: ABCD

MED5001. Dermatologylecture hrs | lab hrs | clinical
hrs | 7 credit hrs*Prerequisite: None*

One month clerkship experience on the Dermatology service. Students will see inpatients and outpatients at the MCG Hospital and Clinics and also outpatients at Dermatology clinics at Fort Gordon, and VA Hospitals. Students participate in Dermatopathology Conferences, Journal Clubs, and Basic Science Seminars. Supervision will be provided by the full time staff and clinical faculty of the Section of Dermatology and the Dermatology housestaff.

Grading System: ABCDF

MED5002. Off-Campus Dermatology (Special Elective—Green Sheet)lecture hrs | lab hrs |
clinical hrs | 7 credit hrs*Prerequisite: MED 5001*

Off campus electives may be arranged, with prior approval of the faculty.

Grading System: ABCDF

MED5008. Acting Internship at VA Hospitallecture hrs | lab hrs | clinical hrs |
10 credit hrs*Prerequisite: MED 5008*

Students in this elective function as acting interns on the general medicine services at the Veterans Administration Hospital. The student will alternate patients with the intern in the initial workup treatment and care of these patients. The student will be closely supervised by the resident and faculty physician attending on the service. The acting intern will be responsible for planning and instituting the diagnostic workup and therapeutic program for his patients. In addition, he/she will assist in the teaching of junior medical students assigned to his service. The acting intern's on call schedule will be identical to that of the ward team.

Grading System: ABCDF

MED5009. Migrant and Under Served Health Care Electives

lecture hrs | lab hrs | 40 clinical hrs |
7 credit hrs

Prerequisite: MED 5000

Students will accompany the Southeast Regional Care Corporation unit to the field to participate in the medical care of migrant farm workers and other under served and uninsured individuals. Further development of students' clinical, diagnostic decision making, and patient management skills are emphasized. In addition, students will learn about running a clinic and gain an understanding of coding and billing procedures and Medicaid/Medicare requirements and regulations. This elective is by arrangement only. (T. Andrew Albritton, MD)

Grading System: ABCD

MED5010. Rheumatology

lecture hrs | lab hrs |
clinical hrs | 7 credit hrs

Prerequisite: None

A clinical multidisciplinary experience in the rheumatic diseases with a basic core of material pertinent to major diseases in this area; experience with consulting an clinical material. Special desires for more defined endeavor by the student will be considered.

Grading System: ABCDF

MED5011. Acting Internship at MCG Hospital

10 lecture hrs | 0 lab hrs | 40 clinical
hrs | 10 credit hrs

Prerequisite: MED 5000

Students taking the acting internship at MCG will essentially function as an intern on the team, admitting patients in sequence with the interns and working directly under the resident. Acting interns will be expected to attend all conferences the interns attend. The acting intern will complete the initial work up and determine the treatment plan in conjunction with the resident. The acting intern will function as the primary care physician for his/her patients but will be closely supervised in all activities by the resident and attending faculty physician. The acting interns on call schedule will be identical to that of the ward team.

Grading System: ABCDF

MED5012. Hematology/Oncology

lecture hrs | lab hrs |
clinical hrs | 10 credit
hrs

Prerequisite: MED 5000

Objective: This elective is designed to provide the basics in clinical hematology and medical oncology. In-depth study of blood and marrow morphology is emphasized. An approach to diagnosis and management as well as general principles of cancer chemotherapy will be stressed. The importance of interdisciplinary cancer decision making (internist, surgeon, radiation therapist) will be emphasized. Two half-day clinics each week are arranged to emphasize the diagnosis and therapy of common hematologic and oncologic disorders.

Grading System:
ABCDF

MED5014. Rehabilitation Medicine at Walton Rehabilitation Hospital

lecture hrs | lab hrs | clinical
hrs | 7 credit hrs

Prerequisite: MED 5000

Objectives of the elective will be to learn general principles of rehabilitation medicine in the hospital setting, in addition to participation in a multidisciplinary approach to treatment of patients undergoing rehabilitation. The student will have some clinical responsibility for patients admitted to the hospital and follow them through their rehabilitation. Specialty programs for Brain Injury, Pediatric Rehab., Spinal Cord Injury, Stroke Rehab.

Grading System: ABCDF

MED5016. Nephrology Consult Elective

lecture hrs | lab hrs | clinical
hrs | 7 credit hrs

Prerequisite: MED 5000

Experience in clinical nephrology through participation in inpatient consultations, teaching conferences, and once weekly general nephrology outpatient clinic.

Grading System: ABCDF

MED5017. Cardiology Consultation Service at MCGHC

lecture hrs | lab hrs | clinical hrs | 7 credit hrs

Prerequisite: MED 5000

The MCG Cardiology elective is an integrated rotation between the cardiology consult service and the special procedure labs. Students time will be divided between the consult service and the labs. On the consult service the student will be exposed to various cardiovascular diseases in medical and pre and post-operative surgical in-patients. The student will be part of the consultative team working closely with the cardiology attending and the fellow. Patients will be seen with bedside teaching emphasizing physical and differential diagnosis. The student will be expected to provide references appropriate for each case evaluated. During this time, the student will become familiar with the indications, usefulness and limitations of diagnostic tests and special procedures such as echocardiography, cardiac catheterization, stress testing, electrophysiology studies and nuclear cardiology. Each week the student will spend one day in one of the special procedures laboratories (cardiac catheterization lab, ECHO lab, electrophysiology labs and Nuclear/stress testing lab.) The appropriate attending and fellow prior to and during the lab day will provide didactic teaching. Students will have an opportunity to see left and right catheterizations, coronary interventions, transthoracic and transesophageal echocardiography, catheter ablations, pacemaker and/or AICD implantations, cardioversions and stress testing. The EKG laboratory will provide EKGs each day to be read with the EKG attending. Invasive and non-invasive conferences are scheduled throughout the week and journal club is once a month. Students are required to attend conferences. Feedback will be given to the students biweekly from the rotation coordinator.

Grading System: ABCDF

MED5018. Cardiology Consultation Service at VA

lecture hrs | lab hrs | clinical hrs | 7 credit hrs

Prerequisite: MED 5000

The emphasis of this rotation is on consultative cardiology and electrocardiographic interpretation. The student will work closely with the cardiology attending and the cardiology fellow. The major clinical emphasis is on physical diagnosis and differential diagnosis of various cardiovascular diseases. The student will read a considerable number of electrocardiograms. Students will be familiarized with the indications, usefulness and limitations of special procedures such as echocardiography, stress testing, nuclear cardiology and cardiac catheterization. The student will attend all weekly conferences of the Department of Critical Care.

Grading System: ABCDF

MED5019. Cardiology at Eisenhower Medical Center (Ft. Gordon)

lecture hrs | lab hrs | clinical hrs | 7 credit hrs

Prerequisite: MED 5000

This course is designed to provide basic knowledge in the problems of heart disease and its complications. Students will participate in the care of patients in the Intensive Care Unit as well as on medical wards and outpatient service. They will also spend time understanding and reading electrocardiograms, phonocardiograms, echocardiograms (M mode and 2D), and Graded exercise tests (GXT).

Grading System: ABCDF

MED5021. Gastroenterology at MCGH

lecture hrs | lab hrs | clinical hrs | 7 credit hrs

Prerequisite: MED 5000

This course is designed to provide an understanding of clinical aspects of diseases of the digestive system, pancreas and liver, including endoscopy, interpretation of gastrointestinal x-rays, biopsies and laboratory results. It consists of rounds, conferences and clinics at the MCG Hospital.

Grading System: ABCDF

MED5022. Clinical Cardiology

lecture hrs | lab hrs | clinical hrs | 7 credit hrs

Prerequisite: MED 5000

The student will serve as an extern to one physician engaged in the practice of cardiology. This will involve diagnostic workup, rounding on hospitalized patients, and training in the use of invasive and noninvasive techniques of patient study including EKG, fluoroscopy, office and hospital Nuclear Cardiology, treadmill, echocardiography, external pulse recordings, cardiac catheterizations. An 8 bed coronary care unit is heavily utilized and emergency procedures are stressed.

Grading System: ABCDF

MED5023. Pulmonary Diseases Consult

lecture hrs | lab hrs | clinical
hrs | 7 credit hrs

Prerequisite: MED 5000

This elective is designed to provide experience in consultative pulmonary medicine. Emphasis is placed upon the clinical evaluation of patients with altered lung function, and the appropriate use of both invasive and noninvasive pulmonary diagnostic procedures. The student will gain experience in interpretation of chest roentgenograms, pulmonary function tests, and arterial blood gases. Selected pulmonary topics are covered in the weekly pulmonary conference.

Grading System: ABCDF

MED5024. Infectious Diseases

lecture hrs | lab hrs | clinical hrs |
7 credit hrs

Prerequisite: MED 5000

This clinical consultation service provides experience in the diagnosis and management of patients with infections, interpretation of stained specimen cultures and sensitivity data, serology and the appropriate use of antimicrobial and antiviral agents. The elective consists of rounds, clinics and conferences at the MCG Hospital and Clinics, VA Medical Center, and Dwight D. Eisenhower Army Medical Center. Internal Medicine Residents are usually available at VA, MCG and FT. Gordon hospitals; infectious disease fellows may additionally attend at the VA and MCG hospitals. Daily didactic instruction is provided. On call availability is needed. Students may elect which hospital with preferences honored insofar as possible. MCG and VA physicians routinely make consultation rounds at both the VA Medical Center and MCG Hospital and Clinics concurrently (in the same month). Thus, patients are assigned in rotation, not on the basis of hospital preference during these months. A joint ID problem conference rotates weekly between the four hospitals and is held Friday at 10:00 AM. MCG and VA students routinely attend two clinics weekly: Monday p.m., Tuesday a.m. or Wednesday p.m. (MCG) and Thursday a.m. (VA or MCG). HIV disease is common, particularly in these clinics. The ID office (Ext. 721-2236) can give the students the attendings name

for any month after assignments are made.

Grading System: ABCDF

MED5025. Preceptorship in Internal Medicine (Special Elective—Green Sheet)

lecture hrs | lab hrs |
clinical hrs | 7 credit hrs

Prerequisite: MED 5000

Clinical preceptorship spent working closely with an internist. Each student will accompany the preceptor in his/her office and hospital functions during the period of the elective. Before approval the student must provide a written statement from the prospective preceptor, accepting student to do elective, including description of the content of the elective and the name of the preceptor responsible for evaluation.

Grading System: ABCDF

MED5026. Critical Care Medicine (VA ICU)

lecture hrs | lab hrs | clinical hrs |
10 credit hrs

Prerequisite: MED 5000

A primary care elective where the student can expect patient care teaching in all aspects of Critical Care. Especially valuable to those interested in Surgery, Anesthesia or Medicine. Work with a critical Care Team: Intern, Resident, Fellow, Staff.

Grading System: ABCDF

MED5027. Off-Campus Elective (Special Elective—Green Sheet)

lecture hrs | lab hrs |
clinical hrs | 7 credit hrs

Prerequisite: MED 5000

Special arrangements can be made for elective periods of one month in the Department of Medicine at other medical schools and teaching institutions. These electives can be spent in general Internal Medicine or medical subspecialties. The following must accompany the Green Sheet: written statement accepting student to do elective including description of the content of the elective and name of preceptor responsible for evaluation.

Grading System: ABCDF

MED5028. Research Elective in Medicine (Special Elective—Green Sheet)

lecture hrs | lab hrs |
clinical hrs | 7 credit hrs

Prerequisite: Approval by Faculty Member with whom research will be done

Opportunity to participate in research programs being conducted by members of the faculty of the Department of Medicine. Arrangements to be made by the student with a member of the faculty. A description of proposed project must be submitted to and approved by Dr. Walter Moore, BI-5072, Ext. 2055. A copy of the description must accompany the Green Sheet. If the duration of the elective is more than one month, students only receive credit for a one month elective. (The research elective in Metabolic and Endocrine Disease requires MED 548 as a prerequisite.)

Grading System: ABCDF

MED5030. Advanced Internship at Atlanta Medical Center

lecture hrs | lab hrs | clinical hrs |
10 credit hrs

Prerequisite: MED 5000

The Department of Medicine at Atlanta Medical Center in Atlanta, Georgia offers a clerkship in General Internal Medicine and all subspecialties. Clerkships will involve evaluation and management of both in- and outpatients. The program, to include conferences, rounds and seminars, is under the direction of full time department physicians in Internal Medicine. On Call Schedule is individualized, depending on rotation but will be no more frequently than every fourth night.

Grading System: ABCDF

MED5031. Clinical Cardiology

lecture hrs | lab hrs | clinical
hrs | 7 credit hrs

Prerequisite: MED 5000

The student will serve as an extern to two physicians engaged in the group practice of cardiology. This will involve diagnostic workup, rounding on hospitalized patients, and training in the use of invasive and noninvasive techniques of patient study including EKG, fluoroscopy, treadmill, echocardiography, nuclear cardiology studies, Holter studies, pacemaker insertion, cardiac catheterizations, coronary angioplasty and stents. Also, there is exposure to a busy cardiac office practice. A 16 bed coronary intensive care unit and telemetry unit are heavily utilized and emergency procedures are stressed.

Grading System: ABCDF

MED5033. Pulmonary Medicine Consult at VAMC

lecture hrs | lab hrs | clinical
hrs | 7 credit hrs

Prerequisite: Pulmonary Medicine Consult at VAMC

Consult service elective featuring the availability of the full gamut of pulmonary diagnostic techniques; emphasis on pathophysiology and its application to patient care.

Grading System: ABCDF

MED5034. Pulmonary/Medical Critical Care

lecture hrs | lab hrs |
clinical hrs | 10 credit
hrs

Prerequisite: MED 5000

This elective is designed to provide an intensive experience in critical care medicine. Emphasis is placed upon clinical evaluation and management of critically ill patients: mechanical ventilatory support, hemodynamic and ventilatory monitoring and other critical care interventions. Didactic sessions, conferences and teaching rounds provide a broad view of clinical approaches to critically ill patients.

Grading System: ABCDF

MED5037. Gastroenterology at Eisenhower Medical Center, Ft. Gordon, for 4th year medical students

lecture hrs | lab hrs |
clinical hrs | 7 credit hrs

Prerequisite: MED 5000

The student is expected to participate in all aspects of the Gastroenterology service, including inpatient and outpatient consultations, and to observe GI procedures (such as gastroscopy, colonoscopy, laparoscopy). The student will be taught proctoscopy in the weekly proctoscopy clinic. Basic GI physiology and pathophysiology will be stressed. The number of patients seen will be limited and the student will be expected to provide references appropriate for each case he/she evaluates. A reading syllabus covering basic GI physiology and disease will be provided. The student will be expected to give a 15 minute seminar once a week on the topic of his/her choice (covering an area of basic GI physiology). The student is expected to attend GI Journal Club and GI Pathology conferences Thursday afternoon at the Medical College of Georgia.

Grading System: ABCDF

**MED5039. Clinical Endocrinology (Medicine)
Interrelates with ITD 501 E**

lecture hrs | lab hrs |
clinical hrs | 7 credit hrs

Prerequisite: MED 5000

Inpatient consultations and ambulatory clinics at the MCGH and VAMC are the primary activities of the elective. These activities are carried out in association with one or more medical residents and a clinical endocrine fellow. They are supervised by members of the Section of Endocrinology and Metabolism. The supervised management of cases encountered in these settings will provide the vehicle for teaching. Thyroid, adrenal, parathyroid, pituitary and gonadal diseases as well as diabetes, developmental problems, virilization and electrolyte disorders will be discussed. There will be opportunities for didactic presentations and students will be expected to read relevant clinical literature. A textbook and collection of reprints is provided on loan and a series of core didactic lectures is presented for students on the rotation. Student responsibilities will include participation in Section inpatient consultation and clinic activities, as well as the weekly clinical conference at which case presentations will be made.

Grading System: ABCDF

MED5046. Endocrinology Service at Eisenhower Army Medical Center

lecture hrs | lab hrs |
clinical hrs | 7 credit hrs

Prerequisite: MED 5000

The student will participate in rounds, conferences, clinics and ward work. The staff of the Endocrinology Clinic will serve as faculty for this course. Inpatient and outpatient consultations will be performed.

Grading System: ABCDF

MED5047. Medical Intensive Care at DDEAMC

5 lecture hrs | 0 lab hrs | 40 clinical hrs |
7 credit hrs

Prerequisite: MED 5000

Primary care acting intern experience in the ICU setting. Acting intern will provide primary care for up to 3 patients under the supervision of a resident and attending physician. Call schedule will be every fourth night; rounds on Saturday and Sunday required. One day off each week.

Grading System: ABCDF

MED5050. Inpatient Cardiology at Atlanta Medical Center (Special Elective)

15 lecture hrs | 0 lab hrs | 40 clinical
hrs | 7 credit hrs

Prerequisite: MED 5000

This rotation is an acting internship and will concentrate on the inpatient rotation with the initial workup and management of cardiology patients from the emergency room as well as through consultation. The student will follow the patient through any inpatient testing including exercise stress testing, echocardiogram or cardiac catheterization. the rotation will include both intensive care as well as telemetry and ward patients. This rotation will require weekend rounding and every fourth night on-call responsibilities in conjunction with the rounding team. participation in the Morning Report and medicine conferences throughout the week will be required.

Grading System: ABCDF

MED5051. Outpatient Cardiology at Atlanta Medical Center and Private Practice Office (Special Elective)

15 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: MED 5000

This elective will allow the senior student to participate in cardiology practice in the outpatient setting. The student will do a new patient workup each day for a variety of cardiovascular problems and follow those patients through their workup including stress testing, nuclear cardiology and echocardiogram. The student will get a working knowledge of these three outpatient procedures and their diagnostic capabilities. Outlying clinics outside of Atlanta may or may not be added depending on the student's interest.

Grading System: ABCDF

MED5052. Gastroenterology at Atlanta Medical Center (Special Elective)

5 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: MED 5000

Students on this elective will rotate with the four gastroenterology attendings, caring for patients in the hospital, doing consults and observing gastrointestinal procedures. The student will also have the opportunity to see patients in the office with the various attendings and review liver pathology slides with John Galambos, M.D. The student would be expected to attend all conferences and will be asked to give a conference discussion at the medical-surgical conference.

Grading System: ABCDF

MED5055. Critical Care and Pulmonary Medicine (Special Elective)

10 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: MED 5000

The student will work with 6 critical care physicians at Doctor's Hospital. These physicians provide seven days per week, 24-hour a day coverage for inpatients at the hospital. The student will be assigned to round on, and manage under supervision, between two or three critically ill patients, depending on the complexity and student abilities. The practice consists of patients admitted to the Burn Unit, admission of unassigned medical and critically ill patients from the emergency room, inpatient consultation to MICU and SICU, and management of critically ill patients accepted in transfer from outlying hospitals. All types of acute medical problems are seen in this practice environment. A pre- and post-test will be administered as learning tools, rationales for correct answers will be provided to the student. There is an extensive reference list and journal library as well as a textbook library. The student will have one-on-one teaching with all seven of the clinical faculty. Experiences in diagnostic studies are also available for the interested student.

Grading System: ABCDF

MED5056. Epidemiology–Atlanta (Special Elective)*

10 lecture hrs | 0 lab
hrs | 40 clinical hrs |
7 credit hrs

Prerequisite: MED 5000

Months Offered: September through June (applications must be submitted to the Epidemiology Program Office at CDC by May 30 of the student's third year) This elective is designed to introduce the student to applied epidemiology, preventive medicine, and public health as practiced at CDC. Students have the opportunity to actively assist in epidemiologic investigations of infectious diseases and in studies of a wide variety of public health problems such as chronic, environmental, and occupational diseases, injuries, and reproductive health. Students work under the supervision of CDC epidemiologists and work on specific projects. Students are also exposed to day-to-day operations and a broad range of activities at CDC. Familiarity with computers and data analysis is helpful but not essential. Students are responsible for providing their own living and travel expenses.

Grading System: ABCDF

MED5059. Geriatric Medicine, Savannah, GA (Special Elective*)

0 lecture hrs | 0 lab hrs | 40 clinical
hrs | 7 credit hrs

Prerequisite: MED 5000

Students will participate in daily discussion of all geriatric admissions and work rounds. The students will also participate in geriatric clinics to work up a variety of geriatric syndromes including falls, incontinence, dementia, syncope, failure to thrive, sensory impairment, and cardiovascular disease in the elderly. Students will be given reading assignments of geriatric core curriculum. Students will have opportunity to observe, and if interested, actively participate in urodynamics and tilt table procedures. Students will also participate in weekly "Geriatric Currents" and monthly Geriatric-Psych Case Conferences. Students will also attend all medical education programs including daily Noon Conferences, Friday Grand Rounds, and may also participate in medical morning report.

Grading System: ABCDF

MED5063. Outpatient Cardiology/Atlanta (Special Elective)

0 lecture hrs | 0 lab hrs |
40 clinical hrs | 7 credit hrs

Prerequisite: None

This elective will allow the senior student to participate in a busy cardiology practice in the outpatient setting. The student will be involved in the evaluation of new patients and consultations, in terms of physical examinations and discussion of acceptable methods of diagnosis and treatment. Cardiovascular risk assessment, diagnosis and treatment are emphasized. Hyperlipidemia management and women and heart disease are also a special focus. The student will be involved daily with treadmill exercise testing including nuclear stress testing and stress echocardiography. Echocardiograms, EKGs, Holter monitoring, and Event recordings are reviewed daily. The student will have exposure to Electron Beam CT for the diagnosis of CAD.

Grading System: ABCDF

MED5065. Pulmonary/Critical Care in South Georgia (Special Elective*)

0 lecture hrs | 0 lab hrs |
40 clinical hrs | 7 credit hrs

Prerequisite: None

Under the direction of a pulmonologist Dr. Fred Rosenblum, this elective will allow exposure to both inpatient critical care and pulmonary medicine as well as outpatient pulmonary management. Dr. Raul Santos, a nephrologist, and Dr. Craig Wolff, a pulmonologist, will also participate. All three have their critical care certification and practice at Archbold Medical Center in Thomasville, Georgia. The elective will offer a broad opportunity to participate directly in patient care, procedures, and didactic sessions with active clinicians.

Grading System: ABCDF

MED5066. Community Endocrinology, Diabetes and Metabolism Elective (Special Elective*)0 lecture hrs | 0 lab hrs |
40 clinical hrs | 7 credit hrs*Prerequisite: None*

This clinical rotation is offered through the office Dr. Ali Rizvi, who is an endocrinologist in private practice in Augusta. The student will learn about all aspects of this subspecialty, including diabetes, nutrition, lipid disorders, thyroid, endocrine hypertension, osteoporosis, calcium metabolism, pituitary adrenal and gonadal disorders, erectile dysfunction, menopause management, basic infertility workup, hirsutism, growth and pubertal problems, and endocrine malignancies. There is ample exposure to insulin pump therapy, office thyroid ultrasound, thyroid fine-needle aspiration biopsy, bone densitometry, endocrine imaging, interpretation of tests and assays, and endocrine emergencies like diabetic ketoacidosis. Patients are seen in the ambulatory setting and there is an active inpatient and consultation service. Preventive and primary care needs of many patients are fulfilled in addition to management of their endocrine problems. Students will be involved in the evaluation of new patients and consults as well as follow-up of established patients. The physician-preceptors work closely with certified diabetes educators at the ADA-recognized Diabetes Program of University Hospital, which offers the senior medical student exposure to intensive diabetes management and the opportunity to participate in community activities like diabetes camps and retreats, fund-raising walks, etc. The student is assured a supportive atmosphere for office and bedside interaction and is expected to attend didactic and teaching conferences at both University and MCG. He/She is encouraged to develop case presentation and physical exam skills, differential diagnoses, and perform critical review of relevant medical literature. They may pursue a small/clinical research project of their own interest with preceptor guidance during this rotation.

Grading System: ABCDF

MED5067. Acting Internship Off Campus (Special Elective—Green Sheet*)10 lecture hrs | 0 lab hrs |
40 clinical hrs | 10 credit hrs*Prerequisite: MED 5000*

Students taking the acting internship will essentially function as an intern on the team, admitting patients in sequence with the interns and working directly under the resident.

Grading System: ABCDF

MED5069. Pulmonary/Medical Critical Care Selective at Atlanta Medical0 lecture hrs | 0 lab hrs |
40 clinical hrs | 10 credit
hrs*Prerequisite: MED5000*

This elective provides an intensive experience in critical care medicine. Under the supervision of the critical care attending physician, students will evaluate and manage critically ill patients. Students will have the opportunity to gain experience with mechanical ventilator management, hemodynamic monitoring, and other critical care interventions.

Grading System: ABCD

MED5085B. Neonatology 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This elective is an observership in which students will be learning about common neonatal problems. Feeding techniques and their rationale, and treatment modalities used in common problems observed.

Grading System: Satisfactory/Unsatisfactory

MED5085B. Introduction to Clinical Cardiology lecture hrs | lab hrs | clinical hrs | 1 credit hrs

Prerequisite: None

The elective will emphasize the clinical application of cardiovascular anatomy and physiology. Student will be given an opportunity to apply basic science knowledge to different aspects of clinical cardiology.

Grading System: Satisfactory/Unsatisfactory

MED5085C. Phase I Elective: Cancer Biology/Cancer Treatment 2 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

The objective of this course is to discuss with a group of medical students our current understanding of the molecular mechanisms involved in the development of a variety of cancers, such as cancer of the breast, colon, lung, ovary and prostate. Topics may include cancer risk factors, the molecular basis of cancer treatment, treatment options, possible improvements of patient outcomes, as well as cancer prevention. The importance of continuing cancer research will also be emphasized. It is hoped that this course will provide strong incentive to some students to learn more about the challenges that our nation faces in fighting cancer, and may motivate them to become oncologists and/or cancer research scientists.

Grading System: Satisfactory/Unsatisfactory

MED5085D. Dermatology Experience

lecture hrs | lab hrs | clinical hrs | 1 credit hrs

Prerequisite: None

Students will be exposed to patients in the Dermatology clinic, followed by discussion of Dermatologic conditions and treatments. Students will also observe various procedures.

Grading System: Satisfactory/Unsatisfactory

MED5085E. Dermatology for First Year Students

0 lecture hrs | 0 lab hrs |
4 clinical hrs | 1 credit hrs

Prerequisite: None

Student will participate in outpatient dermatology clinic observing care of both medical and surgical dermatology cases.

Grading System: ABCDF

MED5085R. Phase I Elective: Clinical Rheumatology

0 lecture hrs | 0 lab hrs | 4 clinical hrs | 1 credit hrs

Prerequisite: None

Student will accompany the attending to the clinic and will observe history and physicals as well as procedures.

Grading System: Satisfactory/Unsatisfactory

MED5085S. Phase I Elective: Introduction to Spanish in Medical Practitioners

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

A basic course in commonly used medical terms in Spanish.

Grading System: Satisfactory/Unsatisfactory

MED5098C. Off-Campus Medicine Summer Preceptorship

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This elective is offered to provide the student with experience in an off-campus setting. The student will make arrangements to accompany a preceptor in his/her office and hospital functions during the period of the elective.

Grading System: Satisfactory/Unsatisfactory

MED5985E. Dermatology for First Year Students

4 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 credit hrs

Prerequisite: None

Student will participate in outpatient dermatology clinic observing care of both medical and surgical dermatology cases.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

NEU5000. Basic Clerkship in Neurology8 lecture hrs | 0 lab hrs | 40 clinical
hrs | 10 credit hrs*Prerequisite: Successful completion of Phase II*

This four week clerkship provides an introduction to general neurological problems through direct supervised patient management. The acquisition of basic skills in history taking and physical diagnosis of neurological patients are stressed. Emphasis is placed on the ability to assimilate historical information and physical findings to diagnose an existing neurological lesion. The recognition and management of neurological lesion. The recognition and management of neurological emergencies is included.

Grading System: ABCDF

NEU5001A. Acting Internship in Adult Neurology 5001A–MCG Hospital10 lecture hrs | 0 lab hrs | 40 clinical
hrs | 10 credit hrs*Prerequisite: NEU 5000*

This is a patient care elective. The student will have primary care responsibility for a block of neurological inpatients. The student will participate in rounds and conferences and will assist with the diagnostic procedures involving his/her patients. The student will be expected to participate in the on-call rotation with other housestaff. (Contact Neurology office, 721-1990.)

Grading System: ABCDF

NEU5001B. (Special Elective)0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 10 credit hrs*Prerequisite: NEU 5000*

This is a patient care elective. The student will have primary care responsibility for a block of neurological inpatients. The student will participate in rounds and conferences and will assist with the diagnostic procedures involving his/her patients. The student will be expected to participate in the on-call rotation with other housestaff. (Contact Neurology office, 721-1990.)

Grading System: ABCDF

NEU5002A. Consultation and Clinics in Adult 5002A–MCG Hospital0 lecture hrs | 0 lab hrs | 40 clinical
hrs | 7 credit hrs*Prerequisite: NEU 5000*

This elective is designed to provide an introduction into decision making in Neurology. The student will attend Adult Neurology Clinics and participate in the direct evaluation of patients. There is ample opportunity to examine and evaluate patients with a wide range of neurological problems. A close working relationship with the neurology attending faculty will allow maximal learning potential. (Contact Neurology office, 721-1990.)

Grading System: ABCDF

NEU5002B. Neurology (Special Elective)
5002B-VA Medical Center

0 lecture hrs | 0 lab hrs | 0 clinical
 hrs | 7 credit hrs

Prerequisite: NEU 5000

This elective is designed to provide an introduction into decision making in Neurology. The student will attend Adult Neurology Clinics and participate in the direct evaluation of patients. There is ample opportunity to examine and evaluate patients with a wide range of neurological problems. A close working relationship with the neurology attending faculty will allow maximal learning potential. (Contact Neurology office, 721-1990.)

Grading System: ABCDF

NEU5003. Computer Applications in Neurology
(Special Elective)

lecture hrs | lab hrs | clinical
 hrs | 3 credit hrs

Prerequisite: None

This elective allows the student to develop an understanding of computer applications in Medicine and Neurology. The student will use the Neurology Department's computer system, which consists of 60 computers organized in a local area network using the Netware operating system. Such a system represents the forefront of computerized technology. Many projects are available for the student to work on, including the development of patient databases, artificial intelligence, and signal analysis. The student will work on a program under the direction of Dr. Michael Rivner. Programs will be written in C, Basic, Pascal or Fortran. Compilers are available in all of these languages. No prior experience in programming or engineering is necessary. However such experience is highly desirable. If the student does not have experience in programming, programming will be taught during this elective period, mainly by self study. The following projects are currently active: (1) Neurology patient database; (2) Billing systems; (3) EMG signal analysis and spike detection; (5) Stroke patient database; (7) Decision analysis in Neurology and/or EMG; and (8) Generalized systems programming. After completion of this elective, it is believed that the student will have a firm understanding of the role that computers play in medicine. Completion of this elective will allow the student to become familiar and confident about computer systems in medicine. All students who desire to find out more about this elective are encouraged

to contact Dr. Michael H. Rivner in the Department of Neurology (721-2681).

Grading System: ABCDF

NEU5003C. Clinical and Research Electives in Neurology (Special Elective) 5004C–Off Campus—Green Sheet

10 lecture hrs | 0 lab hrs |
40 clinical hrs | 7 credit hrs

Prerequisite: NEU 5000

The following electives will allow the student an opportunity to concentrate on a specific area of Neurology. Clinical responsibility and/or research opportunities are available. In most instances, the specific program can be tailored to the interests and needs of the student. These electives must be arranged with the individual preceptor at least two months prior to the beginning of the rotation.

Grading System: ABCDF

NEU5004A. Clinical and Research Electives in Neurology (Special Elective) Location: 5004A–MCG Hospital

3 lecture hrs | 0 lab hrs | 40 clinical
hrs | 7 credit hrs

Prerequisite: NEU 5000

The following electives will allow the student an opportunity to concentrate on a specific area of Neurology. Clinical responsibility and/or research opportunities are available. In most instances, the specific program can be tailored to the interests and needs of the student. These electives must be arranged with the individual preceptor at least two months prior to the beginning of the rotation.

Grading System: ABCDF

NEU5004B. Clinical and Research Electives in Neurology (Special Elective) 5004B–VA Medical Center

0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 7 credit hrs

Prerequisite: NEU 5000

The following electives will allow the student an opportunity to concentrate on a specific area of Neurology. Clinical responsibility and/or research opportunities are available. In most instances, the specific program can be tailored to the interests and needs of the student. These electives must be arranged with the individual preceptor at least two months prior to the beginning of the rotation.

Grading System: ABCDF

NEU5005. Phase III Elective: Acting Internship in Child Neurology

4 lecture hrs | 0 lab hrs | 20 clinical hrs | 10 credit hrs

Prerequisite: NEU5000

This is a patient care elective. The student will have primary care responsibility for a block of child neurology patients. The student will participate in rounds and conferences and will assist with the diagnostic procedures involving his/her patients. The student will be expected to participate with the housestaff. (contact Dr. James Carroll, 721-3371)

Grading System: ABCD

NEU5085. Phase I Elective:

Clinical Neurology: Approach to Patients and Tests

1 lecture hrs | 8 lab hrs | 15 clinical hrs | 1 credit hrs

Prerequisite: None

The course will consist of a combination of didactic lectures and clinical experience in the MCG outpatient and inpatient settings

Grading System: Satisfactory/Unsatisfactory

NEU5085J. Phase I

Elective: Jewish Medical Ethics

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Contemporary medical problems will be discussed and how they relate to Jewish law. Each week a specific medical issue will be discussed and how it relates.

Grading System: Satisfactory/Unsatisfactory

NEU5085S. Phase I

Elective: Sleep Disorders

1 lecture hrs | 3 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

The purposes of this course are to understanding physiology of sleep; provide an overview of sleep disorders in humans; recognize sleep disturbances; and use case studies and review articles relating to sleep disorders.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

OBG5000. Basic Clerkship in Obstetrics and Gynecology 14 lecture hrs | 0 lab hrs | 72 clinical hrs | 10 credit hrs

Prerequisite: Successful completion of Phase II

This required basic clerkship of four weeks' duration combines inpatient and outpatient experience in human reproduction and in disorders of the female reproductive system. About half of all students will be at MCG where they will rotate through the subspecialty services. Some students may draw assignment at (1) University Hospital in Augusta

Grading System: ABCDF

OBG5001. Obstetrics and Gynecology Hospital/Medical School (Special Elective—Green Sheet)

10 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: Satisfactory Completion of OBG 5000

This elective is offered by arrangement with various hospitals, or affiliated medical schools in the United States and overseas. The course will be designed to fit each student's particular need and may be either clinically or research oriented. The student must obtain a letter of acceptance with the name of the supervisor and/or evaluator and his or her curriculum vitae showing OB/GYN training. Formal evaluation is required.

Grading System: ABCDF

OBG5003. Obstetrics and Gynecology, University Hospital (Special Elective *)

4 lecture hrs | lab hrs | 60 clinical hrs | 10 credit hrs

Prerequisite: Satisfactory Completion of OBG 5000

This elective is offered at the University Hospital where the student works under the supervision of the Medical College of Georgia residents and clinical faculty on the ward service. The student is given responsibility for the evaluation and care of patients consistent with demonstrated abilities. Formal evaluation is required. A large portion of this rotation consists of outpatient services. The student will be expected to take an active role in the following areas: Initial assessment and follow-up of pregnant patients, both routine and high risk Preventive services involved in the routine gynecologic annual visit. Evaluation of routine outpatient gynecological problems. Assist in obstetrical triage, labor management, deliveries, gynecologic procedures and daily rounds.

Grading System: ABCDF

OBG5004. Research/Laboratory Elective at MCG (Special Elective)

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 7 credit hrs

Prerequisite: Satisfactory Completion of OBG 5000

The student will have the opportunity to design original studies or pursue ongoing research projects in either the biochemical or biophysical assessment laboratories. This elective is flexible and can be tailored to the specific interests of the student. Current projects include intrauterine fetal breathing observation, analysis of fetal heart rate patterns, evaluation of fetal lung maturation in various maternal/fetal conditions. This elective is by arrangement only.

Grading System:
ABCDF

OBG5006. Reproductive Endocrinology and Genetics Elective at MCG (Special Elective)

17 lecture hrs | 0 lab hrs |
50 clinical hrs | 7 credit hrs

Prerequisite: Satisfactory completion of OBG 5000

The student will participate in the Reproductive Endocrinology and Genetics Clinic at the Medical College of Georgia. One entire day per week will be devoted to the prenatal diagnosis and preconceptional genetic counseling. Two days at the Medical College of Georgia each week will be devoted to infertility surgery. Two days will be devoted to the management of patients, single or couples, with reproductive endocrine problems. The general diagnostic areas which will be covered are as follows: Evaluation, diagnosis and management of couples with infertility. Diagnosis and management of menstrual dysfunction Diagnosis and management of androgen over production. A knowledge of gross and microscopic pathology relating to Reproductive Endocrinology. Contraception and family planning. Observation of reconstructive and reparative surgery involving congenital and acquired defects of the female genital tract. Gross and microscopic pathology relating to reproductive endocrinology. Basic knowledge of the pharmacology of hormones. Preconceptional and genetic counseling and prenatal diagnosis. In Vitro fertilization.

Grading System: ABCDF

OBG5012. Elective in Urogynecology

3 lecture hrs | 0 lab hrs |
35 clinical hrs | 10 credit hrs

Prerequisite: Satisfactory completion of OBG 5000A.

The student will participate in the management of inpatient and outpatient urogynecology patients. The outpatient experience will include extensive exposure to urodynamics, exposure to bladder ultrasound as well as other diagnostic bladder tests. Students will participate in the office management of patients with all forms of incontinence, vaginal and uterine prolapse, as well as other gynecological problems. The patient experience will consist of participation in the operating room for urogynecology, advance laparoscopy, and general gynecology cases. Students will follow assigned patients both preoperatively and postoperatively. Students will be responsible for their assigned patients and will be expected to function at the level of an intern.

Grading System: ABCDF

**OBG5085. Real Life
Gynecology I**

0 lecture hrs | 0 lab hrs | 3 clinical hrs | 1 credit hrs

Prerequisite: None

The elective will be comprised of clinical encounters under the direction of a GYN faculty member as well as didactic content. Clinical encounters will consist of shadowing the GYN physician and participating as a team member. The didactic components are designed to prepare students to address specific clinical situations which are encountered in Women's Health Care.

Grading System: Satisfactory/Unsatisfactory

**OBG5098. OB/Gyn Summer
Preceptorship**

2 lecture hrs | 0 lab hrs | 40 clinical hrs | 1 credit hrs

Prerequisite: None

The student will attend Grand Round, Benign and C-Section conferences when offered. The student will learn to surgically scrub and will follow patients in the clinic. The student will participate on the GYN service and attend deliveries.

Grading System: Satisfactory/Unsatisfactory

**OBG5098C. Off-Campus
OB/Gyn Summer
Preceptorship**

0 lecture hrs | 0 lab hrs | clinical hrs | 1 credit hrs

Prerequisite: None

This elective is offered to provide the student with experience in Obstetrics-Gynecology in an off-campus setting. The student will make arrangements to accompany a preceptor in his/her office and hospital functions during the period of the elective.

[Return to Course Descriptions Home](#)

OPH5001. Ophthalmology Clerkship6 lecture hrs | 0 lab hrs |
35 clinical hrs | 7 credit hrs*Prerequisite: None*

The student participates with the residents and faculty in their daily clinical activities. This includes seeing and evaluating patients in the outpatient clinic with the residents and faculty, participation in conferences and lectures, and observation of some surgical procedures.

Grading System: ABCDF

OPH5002. Ophthalmology Research Elective (Special Elective)1 lecture hrs | 39 lab hrs |
5 clinical hrs | 7 credit hrs*Prerequisite: None*

An area of mutual interest to the student and faculty supervisor will be selected and the student will outline his research project with literature references and carry it out under supervision. A written report on the project is required at the end of the elective period.

Grading System: ABCDF

OPH5003. Ophthalmology Off Campus Experience (Special Elective—Green Sheet)0 lecture hrs | 0 lab hrs |
40 clinical hrs | 7 credit hrs*Prerequisite: None*

Special arrangements can be made for elective periods of one or two months in a Department of Ophthalmology at another medical school or one that is affiliated with a medical school (Canada or USA), to study some phase of ophthalmology such as ophthalmic pathology, neuroophthalmology etc. Written approval must be obtained in advance from both the MCG Department of Ophthalmology (D. Thomas) and the Department where the elective is to be taken. A description of the off campus elective, including the names(s) of the supervising faculty member(s), must be submitted to the MCG Department of Ophthalmology before approval to take the course for credit can be considered. In addition, a letter of evaluation with specific comments regarding the student's performance and a brief description of the work completed must be received from the Department Chairman or the supervising faculty member in the Department where the off campus elective is taken. Credit for the course will not be given until all of the above have been satisfactorily completed.

Grading System: ABCDF

OPH5085. Introduction to the Practice of Ophthalmology

lecture hrs | lab hrs | 3 clinical hrs | 1 credit hrs

Prerequisite: None

This elective is an introduction to the field of Ophthalmology. Students will have opportunity to observe the daily outpatient clinical practice, instrumentation and surgery. Students will learn to develop basic exam skills.

Grading System: Satisfactory/Unsatisfactory

OPH5210. Ophthalmology

4 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Introductory course in ophthalmology consisting of a series of ten one-hour lectures introducing the student to basic ophthalmic disease processes and their management.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

PTH5001. Current Autopsy Case Studies (Special Elective—Green Sheet)4 lecture hrs | 40 lab hrs |
clinical hrs | 7 credit hrs*Prerequisite: Phase II*

The program has been designed for the study of human disease by thorough autopsy investigation enabling the interested student to pursue his studies at a deeper level of experience. Students have the same responsibilities as the resident staff with regard to their study and presentation of autopsy cases.

Grading System: ABCDF

PTH5002. University Hospital Pathology Laboratory (Special Elective—Green Sheet)lecture hrs | lab hrs |
clinical hrs | 7 credit hrs*Prerequisite: Phase II*

Electives will be offered in most phases of practice of pathology including surgical pathology, autopsies, hematology, blood banking, chemistry, bacteriology, immunopathology or cytology. Special work will be assigned to the student for background purposes. Can be offered singularly or in combination.

Grading System: ABCDF

PTH5003. Surgical Pathology (Special Elective—Green Sheet)10 lecture hrs | 40 lab hrs |
0 clinical hrs | 7 credit hrs*Prerequisite: Phase II*

To participate in all activities of Surgical Pathology. Students will function as supervised residents. They will participate in the examination of tissues and the rendering of diagnoses to clinicians. Students will be part of modern surgical pathology. Limited responsibility under supervision will be commensurate with ability.

Grading System: ABCDF

PTH5009. General Clinical Pathology Laboratory (Special Elective—Green Sheet)1 lecture hrs | 0 lab hrs |
0 clinical hrs | 7 credit hrs*Prerequisite: Phase II*

This elective is based on the practical application of clinical laboratory methods and evaluation of results. This objective will be pursued through patient rounds, interpretation of laboratory data, participation in patient treatment, particularly the use of blood and blood components, the development of tests and their evaluation as to future clinical utilization. An opportunity to learn the techniques of Hematology, Microbiology, Clinical Chemistry, Microscopy, Immunohematology and Blood Banking will be available. This elective includes hands-on instruction.

Grading System: ABCDF

PTH5011. Basic Neuropathology (Special Elective—Green Sheet)0 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Phase II*

This is a basic neuropathology course designed only for a student who intends to choose pathology, neurosurgery, neurology, or other neurological science related fields as a subspecialty in his medical career.

Grading System: ABCDF

PTH5014. Off Campus Special Elective in Anatomic and Clinical Pathology (Special Elective—Green Sheet)20 lecture hrs | 5 lab hrs |
0 clinical hrs | 7 credit hrs*Prerequisite: Phase II*

There will be opportunity to work in selected areas of Anatomic and/or Clinical Pathology, including such fields as Surgical Pathology, Autopsy, Hematology, Blood Banking, and Microbiology in specified programs arranged with an offering pathologist. Students will have the opportunity to participate in intra- and inter-departmental conferences.

Grading System: ABCDF

PTH5016. Anatomic Pathology0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 7 credit hrs*Prerequisite: Phase II Pathology*

This elective will provide the student opportunity to work with a preceptor who will give the student training in their field of specialty and in the practice of Pathology.

Grading System: ABCD

PTH5019. Clinical Microbiology (Special Elective—Green Sheet)0 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: A Medical Microbiology Course*

An area of mutual interest will be explored through research, literature review, hands-on evaluation, discussions with other laboratories, etc. A written document of the findings will be produced for internal use and ideally for presentation and publication. Alternately, practical training in one or more areas of clinical microbiology can be arranged to meet the individual needs of each student.

Grading System: ABCDF

PTH5024. Gastrointestinal Pathology20 lecture hrs | 60 lab hrs |
0 clinical hrs | 7 credit hrs*Prerequisite: Phase II*

The elective is designed for students to participate in all aspects of diagnostic GI liver pathology service at MCG during his/her allotted time. Specific one-to-one histopathologic instruction will be tailored to the student's field of greatest interest, e.g., liver biopsy interpretation of hepatitis. This will include, but is not limited to, review of Dr. Vartanian's GI liver study slides. The student may elect to embark on a research project, which he/she is expected to complete.

Grading System: ABCDF

PTH5025. Pathology Research2 lecture hrs | 6 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: Phase II Pathology*

This elective consists of research experience in selected areas of pathology through special arrangement with a member of the faculty of the department of Pathology. Arrangements should be made by the student with a member of the faculty. A description of the proposed project must be submitted to and approved by Dr. Stephen Peiper, Ext 2923. A copy of the description must accompany the Green Sheet. If the duration of the elective is more than one month, students only receive credit for a one month elective.

Grading System: ABCDF

PTH5085. Phase I Elective:**Basic Cardiovascular
Pathology**

0 lecture hrs | 5 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This elective is designed for students who might choose pathology, cardiology or cardiovascular surgery as career track subspecialties. Practice correlations between invasive and non-invasive diagnostic techniques commonly used in clinical cardiology and using the gross and histomorphologic findings of current cases of the MCG/VAMC Heart Registry-Surgical Pathology and Autopsy cases in acquired and congenital heart diseases will be stressed. Students will be encouraged to formulate a project which could lead to a publication.

Grading System: Satisfactory/Unsatisfactory

**PTH5085C. Phase I Elective:
Cancer Cytogenetics**

0 lecture hrs | 8 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This elective will acquaint the student to cancer cytogenetics and its clinical application in the management of the cancer patient. The student will be exposed to modern cytogenetic techniques, including cell culturing and harvesting procedures for obtaining chromosome slides, performing various chromosome banding techniques, microscopic analysis to identify normal and abnormal chromosomes, photography and computer-assisted karyotyping.

Grading System: Satisfactory/Unsatisfactory

**PTH5085G. Phase I Elective:
Gastrointestinal Pathology/Hepatic
Pathology**

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit
hrs

Prerequisite: None

This elective will give the student a basic familiarity with needle biopsies of the liver and endoscopic biopsies of the alimentary tract. Microanatomic findings underlie the clinical presentation and course of patients with alimentary tract disease and are interpreted in light of the entire clinical background.

Grading System: Satisfactory/Unsatisfactory

**PTH5085H. Phase I
Elective: Hematology in
General Medical Practice**

0 lecture hrs | 2 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Blood smears and laboratory instruments will be employed to introduce first year medical students to hematologic practice with reference to general medicine. Two-by-two inch photomicrographs and seminar format will be employed. Anemia, white cell, and hemostatic disorders will be covered.

Grading System: Satisfactory/Unsatisfactory

**PTH5085P. Phase I
Elective: Phlebotomy**

0 lecture hrs | 3 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This elective is designed for students who wish hands-on instruction and practice in obtaining blood specimens for laboratory examination. Primary emphasis is on proper patient identification, venous and capillary collection and specimen handling. Practical experience includes collections mostly from ambulatory patients.

Grading System: Satisfactory/Unsatisfactory

PTH5240. Pathology

60 lecture hrs | 8 lab hrs | 0 clinical hrs | 12 credit hrs

Prerequisite: Completion of Phase I

Introduction to human diseases through small-group study of individual cases with guidance by the teaching faculty. Emphasis is on understanding the pathogenesis of structural changes at the gross, microscopic and ultrastructural level and changes at the gross, microscopic and ultrastructural level and correlation with the resulting alterations of laboratory and clinical data. Approximately 80 cases with gross material, selected microscopic slides, clinical laboratory data and other data are divided into four categories: hemodynamic, neoplastic, inflammatory, and genetic/metabolic/environmental. Groups of about 16 students meet with an instructor in a laboratory module to learn by analysis and presentation of the case material. Lectures are used to introduce the students to the major diseases

Grading System: ABCDF

[Return to Course Descriptions Home](#)

PED5000. Basic Clerkship in Pediatrics

28 lecture hrs | 0 lab hrs | 40 clinical hrs | 15 credit hrs

Prerequisite: Successful completion of Phase II

This six week pediatric clerkship provides basic education in child health. The recognition of normal developmental patterns, as well as the impact of age upon the expression of history taking, physical assessment, and laboratory interpretation within the various age groups that comprise pediatric practice. A lecture conference series accompanies the clinical rotations (nursery, ward and clinics) and is designed to teach the students how to approach common pediatric conditions including health maintenance.

Grading System: ABCDF

PED5001. Substitute Neonatal Intern (Special Elective)

10 lecture hrs | 0 lab hrs | 50 clinical hrs | 10 credit hrs

Prerequisite: PED 5000

The student will serve in the same capacity as a first year house officer being directly responsible for patients admitted to the Neonatal Nurseries. The student will be supervised by the senior NICU resident, the neonatal fellow, neonatal nurse practitioner and the NICU attending. Evaluation and management of high risk infants will be emphasized and special techniques and procedures used in the care of the sick newborn will be employed.

Grading System: ABCDF

PED5002. Off Campus Special Elective (Special Elective—Green Sheet)

0 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: PED 5000

This special elective is offered to provide the student with experience in pediatrics in an off campus setting. It can be served either in a hospital or in a preceptor's office by prior arrangement with them and the department. Selection of a setting can be best accomplished through counsel with your advisor.

Grading System: ABCDF

PED5004. Off Campus Preceptorship (Special Elective—Green Sheet)

15 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: Phase II

Clinical experience in child health in an off campus setting approved by Dr. White, Ext. 1-3781.

PED5005. Pediatric Cardiology (Special Elective)

10 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: PED 5000

This course offers experience in the study of congenital and acquired heart disease with emphasis on the clinical manifestations and findings, and interpretation of diagnostic tests. Correlation of the anatomic malformation with the physiologic alterations are emphasized as well as the natural history and prognosis. A series of tutorial sessions and a course of ECG interpretation will be provided as well as the opportunity to attend teaching sessions within the section. Each day begins with a tutorial. The remainder of the day is devoted to the evaluation and management of infants, children and adults with congenital heart disease seen in the pediatric cardiology practice site.

Grading System: ABCDF

PED5006. Allergy and Clinical Immunology (Special Elective)

10 lecture hrs | 0 lab hrs | 50 clinical hrs | 7 credit hrs

Prerequisite: None

Students will evaluate patients of all ages presenting with a variety of disorders ranging from common respiratory and cutaneous allergies to uncommon immunologic disorders. Students will gain experience with allergen skin testing, pulmonary function tests and microscopic examinations of sputum and nasal secretions. Two conferences and two pre-clinic lectures are presented each week.

Grading System: ABCDF

PED5007. Pediatric Research (Special Elective)

12 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: None

This elective consists of research experience in selected areas of pediatrics through special arrangement with the pediatric faculty. For example, if a student desires to have an in-depth experience around a procedural technique or a specific investigative methodology, he/she may arrange this with a member of the faculty.

Grading System: ABCDF

PED5009A. Pediatric Clinical Assistantship at MCG (Special Elective)

10 lecture hrs | 0 lab hrs | 50 clinical hrs | 10 credit hrs

Prerequisite: PED 5000

The Pediatric substitute intern will serve as an active member (acting intern) of the Pediatric Housestaff under the supervision of the Pediatric Resident and a Pediatric Faculty member. The student will have the opportunity for progressive experience in inpatient care. One student will be assigned to the General Inpatient Pediatric service, and one student will be assigned to the Pediatric Hematology/Oncology service. In December, January, February and March, there will be openings for two students on the General Inpatient Service. When signing up for this elective, please specify General or Hematology/Oncology. Due to the limited number of Pediatric Sub-Internships available at MCG, only those students who have declared for Pediatrics will be able to sign up during the first six weeks of the elective sign-up period. After this initial six-week sign up period, all students will be able to apply for any available positions, regardless of career choice.

Grading System: ABCDF

PED5011. Pediatric Gastroenterology (Special Elective)

10 lecture hrs | 0 lab hrs |
30 clinical hrs | 7 credit hrs

Prerequisite: PED 5000

This special elective provides the student an opportunity to participate in the diagnosis and management of gastrointestinal and hepatic disease in children and adolescents (acute and chronic). Patients are seen in clinic, on the inpatient wards and through the operating rooms and endoscopy suite. Topics include acute and chronic diarrhea, recurrent abdominal pain, inflammatory bowel disease, hepatitis (acute and chronic), persistent vomiting, hyperbilirubinemia, gastrointestinal bleeding, constipation, enteral and parenteral nutrition. A directed reading list will be provided to supplement "hands-on" experience.

Grading System: ABCDF

PED5012A. Pediatric Elective at Memorial Health

lecture hrs | lab hrs | clinical
hrs | 7 credit hrs

Prerequisite: PED 5000

This elective will provide the student with experiences in (PED5012A) Neurology, (PED5012B*) General Pediatrics, (PED5012C) Sub-Specialty Electives: Adolescent Medicine, Gastroenterology, Hematology/Oncology, Child Abuse and Protective Services. Sub-Specialty Electives may be taken individually or in paired combinations, with flexibility to meet the student's individual clinical pursuits. (Outpatient or inpatient experience can receive major emphasis). Specify area(s) you are requesting. *Please note that PED 5012B qualifies as a Pediatric Sub-Internship when taken as an inpatient experience.

PED5012B. Pediatric Elective at University Medical Center

10 lecture hrs | 0 lab hrs | 50 clinical hrs | 10 credit hrs

Prerequisite: PED 5000

This elective will provide the student with experiences in (PED5012A) Neurology, (PED5012B*) General Pediatrics, (PED5012C) Sub-Specialty Electives: Adolescent Medicine, Gastroenterology, Hematology/Oncology, Child Abuse and Protective Services. Sub-Specialty Electives may be taken individually or in paired combinations, with flexibility to meet the student's individual clinical pursuits. (Outpatient or inpatient experience can receive major emphasis). Specify area(s) you are requesting. *Please note that PED 5012B qualifies as a Pediatric Sub-Internship when taken as an inpatient experience.

Grading System: ABCDF

PED5012C. Pediatric Elective (Special Elective)

10 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: PED 5000

This elective will provide the student with experiences in (PED5012A) Neurology, (PED5012B*) General Pediatrics, (PED5012C) Sub-Specialty Electives: Adolescent Medicine, Gastroenterology, Hematology/Oncology, Child Abuse and Protective Services. Sub-Specialty Electives may be taken individually or in paired combinations, with flexibility to meet the student's individual clinical pursuits. (Outpatient or inpatient experience can receive major emphasis). Specify area(s) you are requesting. *Please note that PED 5012B qualifies as a Pediatric Sub-Internship when taken as an inpatient experience.

Grading System: ABCDF

PED5013. Pediatric Infectious Disease (Special Elective)

10 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: PED 5000

The Objectives of this rotation include: To provide a one month rotation on the Pediatric Infectious Disease Service in order for the student to gain greater experience in diagnosis and management of infectious diseases in infants and children. To learn how to evaluate and complete (write-up) a pediatric consult. To integrate the clinical evaluation of a child with a presumed infectious disease with appropriate microbiology tests (bacterial, fungal and viral cultures, rapid antigen testing, HIV viral load/genotype, serology, etc.) This may include some time working with microbiology technologists directly on the processing of culture specimens, evaluating growth/change in cultures, and interpreting biochemical and other tests to identify specific organisms, etc. To research and present one major topic in pediatric infectious diseases during this rotation.

Grading System: ABCDF

PED5014. Well Baby Nursery Substitute Intern (Special Elective)

10 lecture hrs | 0 lab hrs | 40 clinical hrs | 10 credit hrs

Prerequisite: PED 5000

Student will act in the same capacity as a first year house officer. Student will be responsible for admit and discharge examinations, attendance at deliveries and management of well infants and those with minor problems under the supervision of a pediatric resident and general pediatric faculty member. Four in-house call nights are required, as chosen by the student.

Grading System: ABCDF

PED5016. University Hospital Pediatric Emergency Room (Special Elective)

5 lecture hrs | 0 lab hrs | 40 clinical hrs | 10 credit hrs

Prerequisite: PED 5000

This elective offers the student exposure to a variety of presentations and problems in Pediatric Acute Care; medical illnesses, trauma, minor surgical procedures, as well as major emergencies. There will be an opportunity to assume progressive responsibility for patient care as an extern under the supervision and guidance of Emergency Room pediatricians. Emphasis is placed on experiential learning and you will follow your patients' progress in this unique Emergency Room setting. You will be required to work every other weekend.

Grading System: ABCDF

PED5018. Pediatric Critical Care (Special Elective)

12 lecture hrs | 0 lab hrs | 50 clinical hrs | 10 credit hrs

Prerequisite: Must have completed PED 5000 with a grade of B or above

This course is intended for students interested in critical care of infants and children. Students are assigned patients under the supervision of the critical care team and pediatric ICU attending. The focus of student teaching is to learn the basic skills needed for rapidly assessing and treating the critically ill child. Students are taught how to integrate a multiple organ systems approach to problem solving for such medical conditions as respiratory failure, shock, coma, pediatric trauma and care of the post-operative cardiac patient. This elective is NOT an acting internship. The setting is the Pediatric ICU at MCG Hospital. Those individuals interested in pediatrics, emergency medicine, anesthesiology or surgery are encouraged to enroll. Night call is arranged through the Pediatric ICU attending and average one night out of four. Enrollment is limited to two students per month.

Grading System: ABCDF

PED5020. Pediatric Endocrinology (Special Elective)

20 lecture hrs | 0 lab hrs |
20 clinical hrs | 7 credit hrs

Prerequisite: PED 5000

This elective is designed to familiarize the student with normal variations in prepubertal and pubertal growth patterns, the diagnostic approach to pediatric endocrine conditions and the ongoing management of the conditions. The weekly Pediatric Diabetes Clinics offer the student the opportunity to become familiar with the multidisciplinary approach to a chronic condition. In addition, each week there will be a discussion of a chosen topic.

Grading System: ABCDF

PED5022. Pediatric Pulmonology (Special Elective)

24 lecture hrs | 0 lab hrs |
16 clinical hrs | 7 credit hrs

Prerequisite: PED 5000

A four week rotation in Pediatric Pulmonology will include both inpatient consultation and outpatient management regarding patients with cystic fibrosis, bronchopulmonary dysplasia, asthma, recurrent pneumonias and other common and uncommon respiratory disorders. Didactic sessions are conducted weekly with a reading list provided at the beginning of the course.

Grading System: ABCDF

PED5023. Adolescent Medicine Elective (Special Elective)

10 lecture hrs | 0 lab hrs | 20 clinical
hrs | 7 credit hrs

Prerequisite: PED 5000

This elective provides a concentrated student exposure to adolescent medicine in the primary care (outpatient) environment. The spectrum of care can be expected to include acute and chronic illnesses, gynecologic care, sports medicine, psychosocial and family disorders, growth problems, contraceptive counseling, issues related to adolescent sexuality, and substance abuse disorders. The instructional focus will concentrate upon accurate, extended history taking and communication skills needed to care for this challenging patient population. Recognition and appreciation of the common maladies of adolescence will be taught and their treatments will be demonstrated. Ample time is allowed for the student to review the current literature on a medical topic of interest and write a review article during the month.

Grading System: ABCDF

**PED5024. Pediatric Critical Care—MHUMC Savannah
(Special Elective—Green Sheet)**12 lecture hrs | 0 lab hrs |
50 clinical hrs | 8 credit hrs**Prerequisite: PED 5000**

This elective in pediatric critical care provides the senior medical student (acting intern) the opportunity to evaluate and manage the critically ill pediatric patient. The student will participate in the diagnosis and management of critically ill children using the history, physical examination, laboratory data and other invasive and non-invasive techniques. A physiologic approach to the evaluation and management of the critically ill patient will be taught and emphasized as it applies to pediatric critical care. Major topics to be covered include: fluid and electrolytes, closed head injury, seizures, respiratory distress/arrest, shock (cardiogenic and non-cardiogenic), poisoning/toxicology, and sepsis.

Grading System: ABCDF

**PED5027. Neonatology Sub-Internship (Special
Elective)**10 lecture hrs | lab hrs | 50 clinical
hrs | 10 credit hrs**Prerequisite: PED 5000**

The objective of the Neonatology Sub-Internship is to give the student an understanding of the practice of Neonatology. The student will be offered the opportunity to provide supervised primary care to neonates in the NICU with responsibilities similar to the NICU resident on a limited number of patients. The clinical experience will be supplemented with a core neonatal lecture series and individualized conferences with the Neonatologist. Students electing this elective should have interest in Pediatrics, Neonatology, Perinatal Medicine, Obstetrics of Intensive Care. Arrangements should be made by contacting the Perinatal Administrator Glenda Driskell at 706/571-1692.

PED5028. Pediatric Specialty (Special Elective)10 lecture hrs | lab hrs | 40 clinical hrs |
7 credit hrs*Prerequisite: PED 5000*

This elective will provide the student with experiences in (a) Pediatric Cardiology, (b) Pediatric Gastroenterology, and (c) Pediatric Hematology/Oncology. (1) In Pediatric Cardiology, the student will attend outpatient pediatric cardiology clinics one or two days per week. At the end of the elective the student should be able to describe the components of the normal and abnormal pediatric cardiac examination, discuss the events of the cardiac cycle as they relate to the hemodynamics of congenital heart disease and discuss the evaluation and treatment of patients with palpitations, chest pain or syncope. (2) In Pediatric Gastroenterology, the student will attend pediatric gastroenterology clinic on or two days a week. The student will follow inpatient gastroenterology patients with the attending physician. The student will also observe endoscopic procedures and during the month will prepare a pertinent topic for discussion. (3) In Pediatric Hematology/Oncology the student will follow inpatient and outpatient hematology/oncology patients and consults. The student will be exposed to a wide variety of common pediatric hematologic disorders. The student will gain experience in performing lumbar punctures and bone marrow aspirates. Arrangements should be made by contacting the Pediatric Department Secretary, Elaine Baker at 706/571-1220.

Grading System: ABCD

PED5029. Phase III Elective: Pediatric and Adult Hemophilia Inpatient/Outpatient Exposure4 lecture hrs | 4 lab
hrs | 8 clinical hrs |
7 credit hrs*Prerequisite: PED5000*

This elective will offer the student exposure to a unique multidisciplinary experience: The opportunity to see patients evaluated in the Pediatric Comprehensive Hemophilia clinic and to observe interactions with social workers, physical therapists, pediatric surgeons, dentists, and hematologists as children are cared for in a comprehensive care clinic setting. A visit to the coagulation laboratory will illustrate how laboratory test interpretation is vital to successful patient management. This is an opportunity to see how preventative medicine and good medical care can decrease the side effects of a congenital clotting deficiency in a unique patient population. The elective will allow the student to attend a week of summer camp where the children will be interacting with each other and with the counselors in a normal and friendly environment. At the camp, they will learn how to infuse patients and how the patients learn to become "self-infusers." They will be able to take part in self-infusion classes where parents and children learn how to give clotting factor as well as a teen activity where adolescents can be observed interacting with each other and discussion the ramifications of having hemophilia. They will be invited to attend a carrier luncheon discussion session where women who carry the genetic deficiency state are offered a unique platform to discuss knowing about their carrier status and how they deal with this situation. There will be an opportunity to attend home visits with the outreach nurses from Hemophillia of Georgia. *Arrangements should be made by contacting Dr. Bell at 706/721-3626.

Grading System: ABCD

PED5085. Phase I Elective:

Students in Community Involvement 10 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Students for Community Involvement (SCI) is a two-part elective focused on teaching first and second year medical students principles of preventive cardiology and then giving students an opportunity of going into classrooms throughout the state of Georgia to spread the word about preventive medicine. As part of the elective, there are a series of noon-time "Eat and Learn" lectures on cardiovascular disease, elucidating the role of nutrition, exercise, and smoking in the disease process.

Grading System: Satisfactory/Unsatisfactory

PED5085A. Introduction to Pediatric Health Promotion/Disease Prevention Research

1 lecture hrs | 2 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Shadow faculty and research staff in their research activities. Topics include evaluation of genetic and environmental contributors to cardiovascular (CV) disease development in youth, neurohormonal mechanisms responsible for changes in CV structure and function,, social and community determinates of health behavior, prevention of CV disease and type 2 diabetes in youth via exercise, smoking prevention, stress reduction, safe exercise practices in the heat incl. Sickle cell trait, and community interventions. Under the mentorship of a GPI faculty member, each student will complete an annotated bibliography in an area to be selected by the student within the first 3 weeks, and give a brief talk on the topic.

Grading System: Satisfactory/Unsatisfactory

PED5085B. Neonatology 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 0 credit hrs

Prerequisite: None

This elective is an observership in which students will be learning about common neonatal problems. Feeding techniques and their rational, and treatment modalities used in common problems observed.

Grading System: Satisfactory/Unsatisfactory

**PED5085C. Phase I
Elective: Pediatric
Cardiology**

2 lecture hrs | 0 lab hrs | 1 clinical hrs | 1 credit hrs

Prerequisite: None

The students will learn the application of cardiovascular anatomy and physiology to clinical pediatric cardiology (physical examinations, EKG, x-ray, Echo, exercise testing and catheterization.)

Grading System: Satisfactory/Unsatisfactory

**PED5085D. Developmental
Pediatrics**

1 lecture hrs | lab hrs | 2 clinical hrs | 1 credit hrs

Prerequisite: None

The student will see children in the Special Child Clinic. They will be a part of the evaluations with the team decision making process. They will have opportunity to observe children with autism, cerebral palsy, behavior problems, development delay and school problems.

Grading System: Satisfactory/Unsatisfactory

PED5085E. Phase I Elective: Fetal Echocardiography 1 lecture hrs | 3 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Students will attend echocardiography lectures for pediatric cardiology and learn how to make measurements in preparation for summer research.

Grading System: Satisfactory/Unsatisfactory

PED5085F. Learning in Family Environment (LIFE) 6 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Student will step out of their student role and into a true-to-life "hands-on" approach to family-centered care in a patient's home/community environment; students will interact with families/children with chronic medical challenges and/or children with disabilities/special needs. Students will be encouraged to see beyond the child's diagnosis as they see how families accommodate for their child's illness/disability in daily life. The concept of family-centered care will be the basis of this course.

Grading System: Satisfactory/Unsatisfactory

PED5085G. Clinical Genetics 0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Students will learn about the evaluation of patients with genetic disorders, birth defects, and metabolic disease. Students will learn about genetic testing including spending times in chromosome lab, seeing their own Karo type performed if they wish. Students will participate in patient clinic visits as an observer and will learn and observe genetic counseling sessions.

Grading System: Satisfactory/Unsatisfactory

PED5085H. Phase I Elective: Pediatric Hematology/Oncology 1 lecture hrs | 1 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

This elective will introduce the student to clinical pediatric hematology/oncology. The diagnosis of cancer and blood diseases in children will be illustrated by pertinent history, physical findings, blood and bone marrow smears. The special hematology laboratory will be visited, and we will learn about old and new technology. There will be demonstrations of venipuncture, spinal tap and bone marrow aspiration and needle biopsy.

Grading System: Satisfactory/Unsatisfactory

PED5085I. Introduction to Integrative Medicine

2 lecture hrs | lab hrs | clinical hrs | 1 credit hrs

Prerequisite: None

A study in the practice of utilizing the best and most effective healing modalities from "Complementary" or "Alternative" Medicine in conjunction with conventional, or "Western" medicine.

Grading System: Satisfactory/Unsatisfactory

PED5085J. Pediatric Cardiology

1 lecture hrs | 0 lab hrs | 2 clinical hrs | 1 credit hrs

Prerequisite: None

Shadow and observe the physician while learning many aspects of cardiology, patient interaction, and treatment.

Grading System: ABCDF

PED5085L. Phase I Elective: Communicating with Children

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

The goal of the elective is to highlight relevant psychosocial and developmental issues and demonstrate effective communication techniques with children, birth through adolescence.

Grading System: Satisfactory/Unsatisfactory

PED5085N. Phase I Elective: Neonatal Physiology and Pathophysiology

1 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Neonatal physiology.

Grading System: Satisfactory/Unsatisfactory

PED5085P. Phase I Elective: Clinical Experience in Pediatric Pulmonology

0 lecture hrs | 0 lab hrs | 3 clinical hrs | 1 credit hrs

Prerequisite: None

Clinic exposure to subspecialty patients in pediatric pulmonology, shadowing residents and faculty. Exposure to pulmonary function testing mechanics and interpretation and possibly to bronchoprovocation, if the occasion arises. Primarily observational clinical experience.

Grading System: Satisfactory/Unsatisfactory

**PED5085T. Telemedicine
Asthma Clinic**

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Student will become familiar with use of otoscope, stethoscope, ophthalmoscope on both sending and receiving end of telemedicine camera/monitors. Examples of current state of knowledge and treatment of allergic disease and asthma will also introduce the student to interpreting pulmonary function studies and use of anti-inflammatory therapies.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

PHM5004. Research Elective in Pharmacology (Special Elective—Green Sheet)

lecture hrs | lab hrs |
clinical hrs | 4 credit hrs

Prerequisite: Approval by faculty member with whom research will be done

Opportunity to participate in research programs being conducted by members of the faculty of the Department of Pharmacology and Toxicology.

Grading System: ABCDF

PHM5270. Pharmacology/Toxicology

6 lecture hrs | 2 lab
hrs | 0 clinical hrs |
7 credit hrs

Prerequisite: Second-year standing in the School of Medicine.

The necessary background to practice rational drug therapy is provided in this one semester course. Emphasis is on the major classes of drugs, their mechanisms of action, patient factors affecting their pharmacokinetics and adverse actions.

Grading System:
ABCDF

[Return to Course Descriptions Home](#)

**PHY5085. Phase I Elective:
Psychoneuroimmunology and Mind-Body
Medicine**

2 lecture hrs | 0 lab hrs | 0 clinical hrs |
1 credit hrs

Prerequisite: None

Each student will be expected to share his or her own life's story with the rest of the group and to report on a paper dealing with some aspect of psychoneuroimmunology or mind-body medicine. Guest lecturers will share aspects of their stories and talk about mind-brain-body interactions, Sufi and Buddhist style meditation, yoga, and the medical-spiritual interface.

Grading System:
Satisfactory/Unsatisfactory

PHY5150. Physiology

10 lecture hrs | 0 lab hrs | 0 clinical
hrs | 11 credit hrs

Prerequisite: First-year standing in School of Medicine

A one semester course presenting an intensive treatment of mammalian organ system physiology including the cell, electrophysiology, peripheral nerve and reflexes, muscle, cardiovascular, respiration, body fluids, kidney, gastrointestinal and endocrine.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

PSY5000. Basic Psychiatry

4 lecture hrs | 0 lab hrs | 40 clinical hrs | 15 credit hrs

Prerequisite: Successful completion of Phase II

This required six week clerkship will allow the student intensive experience with diagnosis and the treatment of psychiatric patients. The student will perform a complete evaluation of assigned patients, with collaboration and guidance of the staff, including a physical and mental status examination involved in formulating and carrying out a treatment plan for the patient including use of individual psychotherapy, psychopharmacology, family therapy, group therapy and other therapeutic modalities.

Grading System: ABCDF

PSY5004. Family Therapy (Special Elective)

2 lecture hrs | 3 lab hrs | 10 clinical hrs | 7 credit hrs

Prerequisite: PSY 5000

Students desiring supervision and training in the psychiatric assessment and treatment of individuals from a family systems perspective are encouraged to sign up for this elective. Students can expect to be involved in the treatment of marital and family therapy cases in both the outpatient and inpatient units. Supervision for these activities will be provided by faculty and will include live case observation as well as opportunities in psychotherapy. Students will attend Residents' Family Therapy Seminars, Weekly Outpatient Live Case Conferences, and Inpatient Family Assessment and Treatment Teams. Students will be assigned readings designed to acquaint them with basic and advanced clinical issues involved in Family Therapy approaches to treatment.

Grading System: ABCDF

PSY5006. The Brain vs. Mind Conundrum Elective in Neuroimaging

3 lecture hrs | 0 lab hrs | 30 clinical hrs | 7 credit hrs

Prerequisite: PSY 5000

This elective explores the organic basis of behavioral disorders with special emphasis on schizophrenia. Modern neuroimaging techniques including computerized image analysis, quantitative shape determinations and texture analysis will pinpoint areas of abnormal brain morphology that are amenable to study with higher resolution techniques. Putative pathological foci will be dissected by light microscopy or neurochemistry. The importance of the results will be analyzed according to application to the patient clinically. The student will be involved in understanding neuroimaging techniques and their clinical application.

Grading System: ABCDF

**PSY5007. Eating Disorders Rotation
(Special Elective)**0 lecture hrs | 0 lab hrs | 40 clinical hrs |
7 credit hrs*Prerequisite: PSY 5000*

Students will be given an opportunity to be an active member of the MCG Eating Disorders Treatment Team. Dependent upon previous experience, students will be given a number of responsibilities to include the observation and participation of initial assessments and evaluations as well as individual and group psychotherapy of both inpatient and outpatient eating disordered patients. Psychopharmacological management and medical assessment and treatment will also be emphasized. Reading material will be provided concerning a comprehensive biopsychosocial approach to the assessment and treatment of eating disorders.

Grading System: ABCDF

**PSY5010. Inpatient Psychiatry (Special
Elective)**2 lecture hrs | 0 lab hrs | 40 clinical
hrs | 7 credit hrs*Prerequisite: PSY 5000*

3-South is an adult inpatient psychiatric unit offering an interdisciplinary approach to patient care. The student will be included as an integral part of a general hospital psychiatry inpatient team. Responsibilities will include direct patient care, participation in team meetings, participation in group therapy, psychotherapy with supervision, and associated didactic learning experiences. The diverse patient population on 3South will provide the student with learning experiences in Eating Disorders, Electroconvulsive Therapy and Organic Mental Disorders, as well as Mood and Psychotic Disorders. The student will also have the opportunity of gaining experience in crisis intervention, family therapy, psychopharmacology, application of behavioral therapy, inpatient psychotherapy and management of medical problems contributing to psychiatric illness.

Grading System: ABCDF

**PSY5017. Clinical Neurobiology Research
Seminar**4 lecture hrs | 40 lab hrs |
20 clinical hrs | 7 credit hrs*Prerequisite: PSY 5000*

The objective of the Clinical Neurobiology Research Seminar will be to familiarize the student with current topics in the clinical neurosciences. Emphasis will be placed on a critical reading of the literature, with teaching focused on methods of evaluating the integrity and context of the research literature. Topics will focus on the relationship of behavior to brain chemistry. Discussion will highlight the functional role of different neurotransmitter receptor subtypes, neuropeptides, and second messengers in regulation of stress adaptation, and the expression of cognitive, emotional and perceptual behaviors. The course will review selected advances in behavioral neuroendocrinology, neuropharmacology and the genetic bases of personality. Each student will be required to write a review paper for course completion. The goals of the seminar will be both to contribute toward the development of the student's interest in a particular area, as well as to integrate an understanding of where the field is advancing relevant to future physician careers.

Grading System: ABCDF

PSY5028. HIV/AIDS: Psychiatric and Psychosocial Issues

0 lecture hrs | 3 lab hrs |
30 clinical hrs | 7 credit hrs

Prerequisite: PSY 5000

In this elective, students will be given an opportunity to explore the psychological impact of HIV/AIDS by participating as part of MCG's HIV/AIDS Mental Health Treatment Team. Students will participate in the treatment of individuals infected with and affected by HIV/AIDS through assessment, individual and group therapy, and psychological consultation in several HIV/AIDS treatment environments.

Grading System: ABCDF

PSY5029. Molecular Neurobiology of Treatment Outcome of Schizophrenia

0 lecture hrs | 30 lab hrs |
3 clinical hrs | 7 credit hrs

Prerequisite: PSY 5000

This elective will explore the molecular neurobiologic markers of antipsychotic actions on the brain in rats. The common molecular markers will be studied in body fluids of early psychotic and chronic schizophrenic patients before and after treatment with antipsychotics. The association of these molecular substrates to several key symptomatic dimensions will be examined in patients to understand their clinical applicability. The students will be trained in all aspects of laboratory analysis as well as to watch the clinical assesment of patients. This elective includes two weekly contact hours of seminar.

Grading System: ABCDF

**PSY5030. Child and Adolescent Psychiatry
Outpatient Experience**4 lecture hrs | 0 lab hrs | 35 clinical
hrs | 7 credit hrs*Prerequisite: PSY 5000*

Students are offered the opportunity to work directly with faculty and child psychiatry fellows in the evaluation and treatment of children and adolescents (2-18 years) with a variety of behavioral and emotional problems. Emphasis will be placed on evaluating the child's performance in family, school, and social situations along with biological predisposition to illness. Students will be given the opportunity to participate in intake assessments, individual psychotherapy and pharmacotherapy while receiving supervision in these practices. Elective goals will include familiarization with diagnostic issues, evaluation strategies, and behavioral and pharmacological treatments.

Grading System: ABCDF

**PSY5085. Phase I
Elective: Eating
Disorders**

1 lecture hrs | 0 lab hrs | 2 clinical hrs | 1 credit hrs

Prerequisite: None

Students will be exposed to the assessment and treatment of anorexia nervosa, bulimia nervosa and various other feeding disorders. Experience may include initial evaluations, consultations within the Children's Medical Center and MCG Hospital and observation of individual, group and family therapy with patients presenting the aforementioned diagnoses.

Grading System: Satisfactory/Unsatisfactory

**PSY5085P. Really Neat
Stuff in Psychiatry!**

3 lecture hrs | lab hrs | clinical hrs | 1 credit hrs

Prerequisite: None

A study of interesting aspects in normal and abnormal psychology and how they are presented in, and are relevant to, everyday life.

Grading System: Satisfactory/Unsatisfactory

PSY5160. Behavioral Science/Psychiatry I6 lecture hrs | 0 lab hrs |
0 clinical hrs | 4 credit
hrs*Prerequisite: First-year standing in the School of Medicine.*

An introduction to the basic principles of behavioral science and the field of clinical psychiatry, including biological, psychological, and social paradigms for understanding human thoughts, feelings, and behavior, psychological development through the life cycle, psychiatric interviewing and mental status exam, physician-patient interactions, mental illnesses of children and adults, domestic violence, and grief and bereavement.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

RAD5001. Radiology10 lecture hrs | 0 lab hrs | 30 clinical
hrs | 7 credit hrs*Prerequisite: None*

The four week elective provides a basic overview of clinical radiology. Students rotate through most of the major areas of radiology, participating in the clinical diagnostic process. In addition to clinical rotations, lectures and case conferences are scheduled throughout the rotation. The primary goal of the elective is to help the student develop a better understanding of the functions of radiology as a contributor to primary care of the patient. The student will learn to recognize certain basic radiographic signs and patterns; however, it is not intended that students will be able to "read" a radiograph at the end of the elective.

Grading System: ABCDF

**RAD5003. Clerkship in Pediatric Radiology
(Special Elective)**10 lecture hrs | 0 lab hrs | 30 clinical
hrs | 7 credit hrs*Prerequisite: None*

This clerkship is designed for students who have an interest in either Diagnostic Radiology, Pediatrics, or Family Medicine. The four-week rotation will include exposure to radiography, fluoroscopy, CT, ultrasound, and MRI of the pediatric patient. In addition to didactic lectures, the student will attend film reading sessions with faculty and resident(s).

Grading System: ABCDF

**RAD5085. Phase I Elective:
Introduction to Radiology**

2 lecture hrs | 0 lab hrs | 2 clinical hrs | 1 credit hrs

Prerequisite: None

Examine the process of radiologic diagnosis through assigned readings, clinical activities, and discussions with faculty. A daily log of activities and impressions will be kept and turned in to the course coordinator at the end of the course.

Grading System: Satisfactory/Unsatisfactory

**RAD5085A. Introduction to Neuro-Interventional
Radiology**0 lecture hrs | 0 lab hrs |
2 clinical hrs | 1 credit hrs*Prerequisite: None*

The primary goal of the elective is for the participating medical student to develop understanding of the functions of a neuro-interventionalist. You will be required to keep a radiology elective journal describing activities and types of studies that you observe or participate in during the course.

Grading System: ABCDF

**RAD5098. Introduction to
Radiology Oncology**

0 lecture hrs | 0 lab hrs | 6 clinical hrs | 1 credit hrs

Prerequisite: RAD 5085

This course provides a basic introduction to radiation oncology. Students will observe and participate in the therapeutic patient workup. The primary goal of the elective is to help the student develop a better understanding of the functions of the radiation oncologist and a radiation therapy center.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

SUR5000. Basic Clerkship in Surgery 2 lecture hrs | 0 lab hrs | 60 clinical hrs | 15 credit hrs

Prerequisite: Successful completion of Phase II

This eight (8) week clerkship provides fundamental experience in general surgery. Although most of the students' time will be spent helping to care for inpatients, they will also participate in outpatient clinics. Emphasis will be placed on diagnostic evaluation, as well as preoperative and postoperative care. Evaluation of common outpatient conditions often seen by surgeons will also be emphasized.

Grading System: ABCDF

SUR5002. General Surgery Research (Special Elective—Green Sheet) 15 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: None

Individual students may elect to study in depth, for a period of one to two months, any specific area in surgery under the guidance of the faculty member most familiar with that specific area. A thesis or report on the subject chosen is a necessary part of this elective. No student is eligible for more than one such elective. (Chairman and Staff)

Grading System: ABCDF

SUR5003. Preceptorship (Special Elective—Green Sheet) 15 lecture hrs | 0 lab hrs | 40 clinical hrs | 7 credit hrs

Prerequisite: SUR 5000

Clinical experience with individual private preceptor, in his office, operating room and hospital. (Individual arrangements must be made through both the Chairman of Surgery and the Clinical Surgeon involved.)

Grading System: ABCDF

SUR5004. Off Campus Experience (Special Elective—Green Sheet) lecture hrs | lab hrs | clinical hrs | 7 credit hrs

Prerequisite: SUR 5000

Students may elect off campus experience in some phase of surgery in some other Medical School or institution for a period of one to two months. For help in making arrangements, interested students should contact the Medical College of Georgia counterpart of the individual at the other institution with whom he wishes to work. Such electives must be an identifiable course of instruction. An evaluation of student's performance will be required. No student is eligible for more than one such elective. (Chairman of Surgery)

SUR5005. Senior Student Trauma Rotation (Special Elective)lecture hrs | lab hrs | clinical hrs |
10 credit hrs*Prerequisite: SUR 5000*

The student will be assigned to the Director of the Trauma Service and be responsible to him. The experience will include trauma call, trauma surgery, patient care in the trauma intensive care unit, and patient care in the outpatient clinics. Lectures on trauma care and trauma system development will be included. An introduction to the principles and practices of prehospital care, to include experience on both helicopter and ground EMS services, is included. (Carl R. Boyd, M.D.) Objectives: To give the student an understanding of the principles and practice of care of the multiple injured patient. Also, the student should gain an understanding of the importance of the trauma care system development in prehospital care of the trauma patient. Evaluation: Evaluation will be by direct observation by the preceptor and also by standardized written tests at the end of the rotation.

Grading System: ABCDF

SUR5006. Advanced Clerkship at Memorial Medical Center, Savannah, GA (Special Elective)40 lecture hrs | 0 lab hrs | 20 clinical
hrs | 10 credit hrs*Prerequisite: SUR 5000*

During this elective experience the student will be assigned to one of the general surgical services and function as an intern under the watchful eye of the chief resident and chief of service. He or she can expect to be responsible for assigned patients, do a complete work up, scrub on the surgery, be asked to write orders, and follow the patient throughout their hospital course. This elective will be useful in allowing the students to determine whether they wish to pursue a career in surgery or not.

Grading System: ABCDF

SUR5007. Substitute Internship (Special Elective—Green Sheet)lecture hrs | lab hrs |
clinical hrs | 10 credit hrs*Prerequisite: SUR 5000*

Students on this elective will function as substitute interns on the General Surgical Services at the Medical College of Georgia Hospitals. The student will be assigned to a specific surgical service and will function as an integral part of that service. The student is expected to initiate the clinical data base, begin diagnostic measures, and where possible, to perform surgical procedures with supervision. In addition, he will participate in the teaching responsibilities, conferences, clinics, and operating experiences of the service to which he/she is assigned and will be assigned night call responsibilities.

Grading System: ABCDF

SUR5008. Clinical Management of the Critically Ill/Injured Patient 0 lecture hrs | 0 lab hrs | 40 clinical hrs | 10 credit hrs

Prerequisite: SUR 5000

The student will be involved in the care of patients on the Burn/Trauma Service. These patient frequently have injuries and functional disruption of multiple organ systems and therefore offer opportunities not only in learning management of burns and trauma, but also critical care. Cardiovascular, pulmonary and renal physiology are stressed and the frequent use of mechanical ventilatory support and invasive cardiovascular monitoring provide extensive experience in care of the critically ill. The interrelationship of anatomy, pathophysiology, biochemistry, pharmacology and microbiology is studied in relationship to the management of burns, trauma and critical care. Selected readings, didactic presentations, video taped lectures, perceptually instruction and clinical interface are all used as teaching methodology. These students participate as an active member of the patient care team.

Grading System: ABCDF

SUR5013. Surgical Critical Care/Trauma Clerkship (Special Elective)

20 lecture hrs | 0 lab hrs |
40 clinical hrs | 10 credit hrs

Prerequisite: Core Curriculum

During assignment at Atlanta Medical Center, students will be introduced to Surgical Critical Care and Trauma. There is an 18 bed Surgical Intensive Care Unit (SICU) and a moderately busy Trauma Surgery service, and VICU and CVICU. During this rotation, the student will be assigned to patients in the SICU related procedures. There are daily teaching rounds in the SICU with the faculty and housestaff, as well as a variety of surgical conferences on a weekly basis. The exposure to trauma patients is varied and depends on the types of patients admitted. The majority have received blunt injury and are assessed in the trauma admitting area. There is opportunity to spend time with the helicopter team relative to transport care and issues. A surgical library is provided for reading and study during free time and academic pursuit along these lines is stressed while learning practical experience of patient evaluation and care.

Grading System: ABCDF

SUR5015. Tutorial in the History of Medicine 2 lecture hrs | 10 lab hrs | 0 clinical hrs | 5 credit hrs
(Special Elective-Green Sheet)

Prerequisite: Months Offered: August through June

The student will perform research on a selected topic in the history of medicine. He/she will meet regularly with Dr. Nesbit for discussion and will prepare a paper suitable for submission for presentation/publication. Elective must be approved by Dr. Robert Nesbit. (BB-4513A, Ext. 4761)

Grading System: ABCDF

SUR5085. Phase I
Elective: Surgical 1 lecture hrs | 0 lab hrs | 8 clinical hrs | 1 credit hrs
Basic Skills

Prerequisite: None

This elective is designed to expose the student to basic surgical skills. These are skills commonly used by both surgeons and non-surgeons. In the first two hour session, the student will learn to tie a two handed square knot. In the second session the student will learn more advanced knot tying skills and some basic suturing techniques. The student receives a knot tying board and manual.

Grading System: Satisfactory/Unsatisfactory

SUR5085A. Orthopedic Surgery lecture hrs | lab hrs | 4 clinical hrs | 1 credit hrs

Prerequisite: None

Student will observe various orthopaedic surgeries once a week.

Grading System: Satisfactory/Unsatisfactory

**SUR5085B. Orthopaedic
Trauma Elective**

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

The student will be involved with patient evaluation and treatment in the field of Orthopaedic trauma and fracture surgery.

Grading System: Satisfactory/Unsatisfactory

**SUR5085C. Introduction to
Cardiovascular Laboratory
Research**

1 lecture hrs | 2 lab hrs | clinical hrs | 1 credit hrs

Prerequisite: None

The student will be exposed to the basic science research in the cardiovascular field. The student will observe and participate directly in the animal preparations, data recording, and interpretations of results. This elective will provide introductory exposure to basic laboratory research in the cardiovascular field.

Grading System: Satisfactory/Unsatisfactory

**SUR5085E. Freshmen Elective in Orthopaedic
Surgery**0 lecture hrs | 0 lab hrs |
5 clinical hrs | 1 credit hrs*Prerequisite: None*

General exposure to the field of Orthopaedic Surgery, with particular emphasis on conditions seen and treated within the subspecialty of Orthopaedic Sports Medicine.

Grading System: ABCDF

SUR5085F. Orthopaedic Surgery/Sports Medicine0 lecture hrs | 0 lab hrs |
4 clinical hrs | 1 credit hrs*Prerequisite: None*

Student involved in patient care from initial evaluation and treatment through rehabilitation for athletic injuries.

Grading System: ABCDF

SUR5085G. Gastrointestinal Surgery Elective1 lecture hrs | 0 lab hrs |
3 clinical hrs | 1 credit hrs*Prerequisite: None*

This course will include a didactic and clinical experience. The student will spend one afternoon a week. The four-hour period will include one hour of lecture and three hours of clinical exposure in areas of operating room, endoscopy, intensive care, and clinical research.

Grading System: ABCDF

SUR5085H. GI Surgery Elective

4 lecture hrs | 4 lab hrs | 0 clinical hrs | 1 credit hrs

Prerequisite: None

Preceptorship to allow observation of surgical patient care, including operations and clinic. Student will also have formal and informal lecture / teaching activity.

Grading System: ABCDF

SUR5085N. Early Exposure to Neurosurgery

lecture hrs | lab hrs | 3 clinical hrs | 1 credit hrs

Prerequisite: None

Students will get exposure to various neurosurgical procedures with emphasis on the anatomy and basic pathophysiology.

Grading System: Satisfactory/Unsatisfactory

SUR5085O. Phase I Elective: Introduction to Otolaryngology

0 lecture hrs | 0 lab hrs | 1 clinical hrs | 1 credit hrs

Prerequisite: None

Exposure to patients in clinic or operating room.

Grading System: Satisfactory/Unsatisfactory

SUR5098C. Pediatric Cardiothoracic Surgery

3 lecture hrs | lab hrs | 35 clinical hrs | 1 credit hrs

Prerequisite: None

The objective of this elective is to give the student a broad exposure to the surgical management of congenital heart disease by exposing the student to pre-op evaluations, surgeries, and post-op care of patients.

Grading System: Satisfactory/Unsatisfactory

SUR5098D. Community Mentorship Program at MCG

2 lecture hrs | 0 lab hrs | 4 clinical hrs | 1 credit hrs

Prerequisite: Successful completion of Freshmen year of medical school.

The student will be responsible for devising and teaching a didactic course for the community students participating in the mentorship program. The student will also be responsible for providing one-on-one mentoring for the high school/freshmen college students. The student should have a strong interest in teaching and introducing these high school/college students to the medical profession. The first two months of the course will be spent on learning PowerPoint and other audiovisual modalities with related instructions from faculty which will aid in lecturing the participants. The first two weeks of July will be spent developing the courses for participants. The last two weeks of July will be spent teaching the participants of the program.

Grading System: Satisfactory/Unsatisfactory

SUR5200. Neurosurgery Clerkship0 lecture hrs | 0 lab hrs |
0 clinical hrs | 7 credit hrs*Prerequisite: NEU 5000*

This externship provides opportunity for combining the direct patient care responsibilities of a junior house officer with practice in performing neurological examinations while participating with staff members in the practice of neurosurgery. The extern will be assigned eight patients for which he will have primary responsibility for daily care under the supervision of the senior house officer and staff of the Neurosurgery Service. He will participate in patient evaluations in the clinic and in daily teaching conferences. This elective provides for a close working relationship between the staff and the student while at the same time providing opportunity for patient care responsibilities.

Grading System: ABCDF

SUR5202. Neurosurgery Preceptorship (Special Elective—Green Sheet)lecture hrs | lab hrs |
clinical hrs | 7 credit hrs*Prerequisite: NEU 5000*

This elective provides an opportunity for students who wish to study neurosurgery at another institution. It will be necessary to talk over the needs of the student in detail with Dr. Mark Lee prior to making arrangements for this elective.

Grading System: ABCDF

SUR5250. Otolaryngology0 lecture hrs | 0 lab hrs |
40 clinical hrs | 7 credit hrs*Prerequisite: None*

This clerkship is designed to familiarize the student with the diseases of the ears, nose and throat with emphasis on diagnostic techniques, including physical examination techniques, radiology, audiometrics and endoscopic procedures. The student will be introduced to the principles of head and neck surgery, facial plastic surgery, endoscopy and neurotology. The utilization of the office and hospital patients will allow the student to participate in and observe the specialty of Otolaryngology.

Grading System: ABCDF

SUR5251. Otolaryngology Surgery5 lecture hrs | 0 lab hrs |
40 clinical hrs | 7 credit hrs*Prerequisite: None*

This clerkship is designed to familiarize the student with the diseases of the ears, nose and throat with emphasis on diagnostic techniques, including physical examination techniques, radiology, audiometrics and endoscopic procedures. The student will be introduced to the principles of head and neck surgery, endoscopy and neurotology.

Grading System: ABCDF

**SUR5252. Otolaryngology Off Campus Experience
(Special Elective—Green Sheet)**0 lecture hrs | 0 lab hrs |
40 clinical hrs | 7 credit hrs*Prerequisite: None*

Students may elect off campus experience in place of Otolaryngology in some other medical school or institution for a period of one to two months. For help in making arrangements, interested students should contact the Section of Otolaryngology here at the Medical College of Georgia. Arrangements then can be made with the counterpart at the other institution. An evaluation of the student's performance will be required.

Grading System: ABCDF

**SUR5275. Orthopedics Clerkship (Special
Elective)**0 lecture hrs | 0 lab hrs | 40 clinical
hrs | 7 credit hrs*Prerequisite: SUR 5000*

Location: MCG Hospital and Clinics, VA Hospital, University (Designate location)

Grading System: ABCDF

**SUR5278. Orthopedics Off Campus Experience
(Special Elective—Green Sheet)**0 lecture hrs | 0 lab hrs |
40 clinical hrs | 7 credit hrs*Prerequisite: SUR 5000*

Location: To be provided at the time of registration

Grading System: ABCDF

**SUR5282. Orthopedic Surgery Research
(Special Elective)**20 lecture hrs | 0 lab hrs | 40 clinical
hrs | 2 credit hrs*Prerequisite: SUR 5000*

This elective is designed to provide the student with research experience in orthopaedic surgery. The student may suggest a research proposal or participate in one of the studies that are currently ongoing in the section. These studies include investigations in tissue responses to implanted biomaterials, evaluation of implants and tissue interfaces to implants and patient outcome studies in a variety of clinical areas.

Grading System: ABCDF

**SUR5283. Phase III Elective: Sports
Medicine**0 lecture hrs | 0 lab hrs | 45 clinical hrs |
7 credit hrs*Prerequisite: PED5000, SUR5000, FMP5000, 4th year students only*

This exciting new elective will expose the student to all disciplines of sports medicine. Throughout the month, time will be spent with primary care sports medicine and orthopedic physicians, along with physical therapists and athletics trainers. During the month the students will learn how to perform a musculoskeletal examination, formulate a differential diagnosis and apply the treatment principles of common sports injuries. In addition, the student will learn the role of the physical therapist in the rehabilitation of an athlete and "on-field" management of common sports medicine injuries. The students will be evaluated on their examination skills, participation and interaction with all disciplines. During the month the student will be expected to participate in all of the sports medicine activities taking place. These include clinics at the Sports Medicine center, Augusta State University, Augusta Ballet, Davidson High School for the Performing Arts, local high schools, the operating room and a variety of "live" events. (Arrangements to participate in this elective should be made with Dr. Joel Brenner) (Drs. Brenner, Curl, Hunter, Valentine)

Grading System: ABCD

SUR5325. Thoracic and Cardiac Clerkship0 lecture hrs | 0 lab hrs | 0 clinical
hrs | 10 credit hrs

Prerequisite: SUR 5000

This elective is designed to provide additional experience in pathophysiology and treatment of intrathoracic disease. The student participates with the chief resident and/or attending thoracic surgeon in answering consultations regarding patients with potential thoracic surgical problems on other services. In addition, opportunities are available for experience in treatment of critically ill patients in the surgical intensive care unit. Responsibilities of the student are entirely separate from those taking the required subspecialty clerkship. (SUR 5000) In addition, the student participates in all conferences, rounds and clinics.

Grading System: ABCDF

SUR5327. Community Mentorship Program at MCG 2 lecture hrs | 0 lab hrs | 4 clinical hrs | 3 credit hrs

Prerequisite: Successful completion of third year of medical school.

The student will be responsible for devising and teaching a didactic course for the community students participating in the mentorship program. The student will also be responsible for providing one-on-one mentoring for the high school/freshmen college students. The student should have a strong interest in teaching and introducing these high school/college students to the medical profession. The first two weeks of July will be spent developing the courses for participants. The last two weeks of July will be spent teaching the participants of the program.

Grading System: ABCDF

[Return to Course Descriptions Home](#)



Guide to Course Descriptions School of Nursing

Discipline

[Nursing](#)

Prefix

NUR

[Return to Course Descriptions Home](#)

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Please email comments, suggestions or questions to Rita Garner,
registrar@mail.mcg.edu

June 23, 2003

NUR3100. Principles of Professional Nursing Practice4 lecture hrs | 6 lab hrs |
0 clinical hrs | 6 credit hrs*Prerequisite: Junior Level Status in the School of Nursing*

This is an introductory course in health assessment and beginning principles of nursing care. Didactic classes and lab experiences provide a foundation on which students can build their professional nursing knowledge and practice. Strategies for health assessment, promotion, and basic provision of nursing care will be emphasized.

Grading System: ABCDF

NUR3101. Foundations I: Concepts of Professional Nursing Practice2 lecture hrs | 0 lab hrs |
0 clinical hrs | 2 credit hrs*Prerequisite: Junior Level Status in the School of Nursing*

The purpose of this course is to explore the beginning development of professional nursing practice. Nurses' professional roles, professional values, and standards will be presented. The historical development of the nursing profession will be analyzed. Emphasis is placed on critical thinking, problem-solving, decision-making models, and the contribution of theory to nursing practice. Professional communication skills and group dynamics will be examined.

Grading System: ABCDF

NUR3102. Pathophysiology and Pharmacology I3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Junior level status in the School of Nursing*

This course introduces the pathophysiological basis of illness and the basic principles of clinical pharmacology. The focus of this course is on compromises in the body's ability to meet its physiological needs integrated with nursing-based pharmacologic interventions in response to these compromises.

Grading System: ABCDF

NUR3102I. Pathophysiology and Pharmacology I3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Admission to RN-BSN or RN-MSN/MN program*

This on-line course introduces the pathophysiological basis of illness and the basic principles of clinical pharmacology. The focus of this course is on compromises in the body's ability to meet its physiological needs integrated with nursing-based pharmacologic interventions in response to these compromises.

Grading System: ABCDF

NUR3103. Lifespan I: Nursing Care of the Beginning Family

3 lecture hrs | 0 lab hrs | 6 clinical hrs | 5 credit hrs

Prerequisite: NUR 3100; fall semester concurrent with NUR 3101, NUR 3102; spring semester concurrent with NUR 3201, NUR 3202.

Examination of the health and wellness activities of individuals and their families from birth to age 20. Emphasizes theories regarding beginning families and child-rearing, well-child assessment, and common health problems in children and adolescents. Explores compromises to physical, social and mental health common during these ages and the impact of these compromises on the individual and family are explored. Professional nursing activities that promote and restore optimal health/wellness are the focal points for didactic and clinical experiences. Through the use of various problem-solving methods, students can apply didactic information in actual patient situations and will be guided in bridging nursing theory and practice and in making decisions regarding nursing care. Clinical activities occur in a myriad of nursing practice settings which are both hospital and community-based.

Grading System: ABCDF

NUR3104. Lifespan II: Nursing Care of the Young Family

3 lecture hrs | 0 lab hrs | 6 clinical hrs | 5 credit hrs

Prerequisite: NUR 3100; fall semester concurrent with NUR 3101, NUR 3102; spring semester concurrent with NUR 3201, NUR 3202.

Examines the health and wellness activities of individuals and their families from age 20 to 45. Lifespan relevant issues such as childbearing, parenting roles, family theory, individual development and common health problems in young adulthood. Explores compromises to physical, social and mental health common during these ages and the impact of these compromises on the individual and family. Professional nursing activities that promote and restore optimal health/wellness are the focal points for didactic and clinical experiences. Through the use of various problem-solving methods, students can apply didactic information in actual patient situations and will be guided in bridging nursing theory and practice and in making decisions regarding nursing care. Clinical activities occur in a myriad of nursing practice settings which are both hospital- and community-based.

Grading System: ABCDF

NUR3201. Foundations II: Health Care Environments

2 lecture hrs | 0 lab hrs | 0 clinical hrs | 2 credit hrs

Prerequisite: NUR 3100, NUR 3101

This course examines the rapidly evolving field of health care and the central role of nurses as health care providers. Community based nursing practice which encompasses all health care environments is introduced. Focus is given to topics such as health care along a continuum, health care structures, and the influence of information driven and outcomes based health care systems. Nursing practice derived from national, regional, and local health priorities serve as central points for discussion. Trends which influence health and the choices people make regarding health care are explored. Students participate in learning opportunities involving analysis of practice-related issues and forecasting of trends in U.S. Health care.

Grading System: ABCDF

NUR3202. Pathophysiology and Pharmacology II

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: NUR 3102

This course continues to introduce the pathophysiological basis of illness and the basic principles of clinical pharmacology. The focus of this course is on compromises in the body's ability to meet its physiological needs integrated with nursing-based pharmacologic interventions in response to these compromises.

Grading System: ABCDF

NUR3202I. Pathophysiology and Pharmacology II

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: NUR 3102I

This online course continues to introduce the pathophysiological basis of illness and the basic principles of clinical pharmacology. The focus of this course is on compromises in the body's ability to meet its physiological needs integrated with nursing-based pharmacologic interventions in response to these compromises.

Grading System: ABCDF

NUR3203. Lifespan III: Nursing Care of the Middle Family

3 lecture hrs | 0 lab hrs | 6 clinical
hrs | 5 credit hrs

Prerequisite: NUR 3100; fall semester concurrent with NUR 3101, NUR 3102; spring semester concurrent with NUR 3201, NUR 3202.

Examines the health promotion and wellness activities of those age 45-65. Explores compromises to physical, social and mental health common during this age period and the impact on the individual and family. Professional nursing activities that promote and restore optimal health/wellness are focal points for didactic and clinical experiences. Clinical activities occur in a myriad of nursing practice settings, which are both hospital- and community-based.

Grading System: ABCDF

NUR3204. Lifespan Iv: Nursing Care of the Mature Family

3 lecture hrs | 0 lab hrs | 6 clinical hrs | 5 credit hrs

Prerequisite: NUR 3100; fall semester concurrent with NUR 3101, NUR 3102; spring semester concurrent with NUR 3201, NUR 3202.

Examines the health promotion and wellness activities of individuals and their families age 65 and older. Explores compromises to physical, social and mental health common during this age period and the impact on the individual and family. Focuses on lifespan-relevant issues such as loss, grief, caregiver roles and community resources. Professional nursing activities that promote and restore optimal health/wellness are focal points for didactic and clinical experiences. Clinical activities occur in a myriad of nursing practice settings, including hospital, extended care, home and community settings.

Grading System: ABCDF

NUR4301. Foundations III: Impact of Research and Legal/Ethical Issues on Professional Nursing Practice

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Senior level status in the School of Nursing

The purpose of this course is to provide the students with opportunities to explore legal/ethical issues in nursing and the importance of research to nursing practice. Emphasis is placed on preparation for dealing with the legal and ethical problems they will be faced with in day to day nursing situations. The research process will be examined as it applies to nursing practice. The course is designed so that the student can develop critical thinking skills while analyzing case studies involving legal/ethical dilemmas and critiquing published nursing research.

Grading System: ABCDF

NUR4301I. FoundationsIII: Impact of Reasearch and Legal/Ethical Issues on Professional Nursing Practice

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Admission to RN-BSN or RN-MSN/MN Program

Online course. The purpose of this course is to provide the students with opportunities to explore legal/ethical issues in nursing and the importance of research to nursing practice. Emphasis is placed on preparation for dealing with the legal and ethical problems they will be faced with in day to day nursing situations. The research process will be examined as it applies to nursing practice. The course is designed so that the student can develop critical thinking skills while analyzing case studies involving legal/ethical dilemmas and critiquing published nursing research.

Grading System: ABCDF

NUR4302. Professional Nursing Management of Individuals and Families Experiencing Complex Health Problems

3 lecture hrs | 0 lab hrs |
18 clinical hrs | 9 credit hrs

Prerequisite: Junior level courses

This course focuses on health promotion, restoration and rehabilitation through application of principles of nursing practice with individuals and families experiencing complex health problems. Emphasis is on continuity of care, collaboration with the health care team and mobilization of resources for individuals and families with complex physical, mental and social health problems. Clinical experiences occur in a variety of settings.

Grading System: ABCDF

NUR4401. Foundations IV: Health Care Leadership, Management and Partnerships in Community-Based Care

2 lecture hrs | 0 lab hrs |
3 clinical hrs | 3 credit hrs

Prerequisite: Junior level courses

This course will focus on the development of knowledge and skills needed to promote health care of population groups. The course examines the impact of changes of health care on aggregate groups. Theories, concepts and models are presented and students have an opportunity to develop competencies of leadership and management needed for collaboration with community members, health care providers as well as agencies and resources in the community. The overall purpose of this course is to develop and apply creative and effective roles for managing and leading in the delivery of nursing care.

Grading System: ABCDF

NUR4401I. Foundations IV: Health Care Leadership, Management and Partnerships in Community-Based Care

2 lecture hrs | 0 lab hrs |
3 clinical hrs | 3 credit hrs

Prerequisite: Admission to RN-BSN or RN-MSN/MN Program

This online course will focus on the development of knowledge and skills needed to promote health care of population groups. The course examines the impact of changes of health care on aggregate groups. Theories, concepts and models are presented and students have an opportunity to develop competencies of leadership and management needed for collaboration with community members, health care providers as well as agencies and resources in the community. The overall purpose of this course is to develop and apply creative and effective roles for managing and leading in the delivery of nursing care.

Grading System: ABCDF

NUR4402. Professional Nursing Practice

3 lecture hrs | 0 lab hrs | 18 clinical
hrs | 9 credit hrs

Prerequisite: Junior level courses and Fall Semester Senior level courses

This course focuses on the principles of professional nursing practice and provides the student the opportunities to synthesize and integrate previous learning experiences. The purpose of this course is to provide comprehensive clinical experiences for the student to assist in the transition from student to professional nurse.

Grading System: ABCDF

NUR4500. Independent Study

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Senior level status or permission of faculty advisor.

This course enables the student to pursue a specified area of study which supports the student's program of study. Teaching strategies include didactic modalities; no clinical

Grading System: Satisfactory/Unsatisfactory

NUR4501. Independent Study

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Senior level status or permission of faculty advisor.

This course enables the student to pursue a specified area of study which supports the student's program of study. Teaching strategies include dyadic modalities; no clinical.

Grading System: ABCDF

NUR4502. Independent Study

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 4 - 6 credit hrs

Prerequisite: Senior level status or permission of faculty advisor

This course enables the student to pursue a specified area of study which supports the student's program of study. Teaching strategies include dyadic modalities; no clinical.

Grading System: ABCDF

NUR4503. Independent Study

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Senior level status or permission of faculty advisor

This course enables the student to pursue a specified area of study which supports the student's program of study. Teaching strategies include dyadic modalities; no clinical.

Grading System: ABCDF

NUR4504. Independent Study

0 lecture hrs | 0 lab hrs |
0 clinical hrs | 4 - 6 credit hrs

Prerequisite: Senior level status or permission of faculty advisor

This course enables the student to pursue a specified area of study which supports the student's program of study. Teaching strategies include dyadic modalities; no clinical.

Grading System: ABCDF

NUR4505. Independent Study

0 lecture hrs | 0 lab hrs | 0 clinical hrs | 1 - 3 credit hrs

Prerequisite: Senior level status or permission of faculty advisor

This course enables the student to pursue a specified area of study which supports the student's program of study. Teaching strategies include dyadic modalities; no clinical.

Grading System: Satisfactory/Unsatisfactory

NUR4602. Substance Abuse Nursing

3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: None

This elective provides a broad overview of substance abuse and dependency as a major health problem with a central focus on nursing issues. The nursing care roles and responsibilities of these clients in the hospital and community receive primary emphasis. Attention is given to the consequences of abuse and dependency on family members and special populations. Commonly abused substances and their effects are reviewed. Students examine their personal attitudes toward substance abusers and substance-abuse disorders as health problems. Contemporary treatment philosophies to assist clients to achieve and maintain recovery are discussed. Students will attend community based support groups for the client and family. Use of the Internet may be required.

Grading System: ABCDF

NUR4603. Nutrition in Clinical Nursing

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Senior level status

Focuses on the nutritional needs of the client as related to alterations in health and/or environment. The influences of sociocultural and biophysical factors that impact nutrition are analyzed. Client's nutrition are critiqued to assess client needs and make referrals when appropriate.

Grading System: ABCDF

NUR4604. Application of Diagnostic Interpretation

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Senior level status

This elective builds upon the basic laboratory and diagnostic information received in junior courses while, introducing deeper analysis and interpretation of these tests. Content will focus on the integration of pathophysiology, pharmacology and physical assessment as applied to laboratory and diagnostic test interpretation. Selected therapeutic modalities will also be discussed. The role of nurse in preparing clients for and/or receiving them after testing will be explored, with client teaching needs integrated throughout.

Grading System: ABCDF

NUR4605. Issues in Women's Health Care

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: None

This survey course offers an introduction to students on contemporary and discussed in bi-weekly seminars in women's health. Examine society's impact on women's health and information about women's common health concerns.

Grading System: ABCDF

NUR4606. Perioperative Nursing

2 lecture hrs | 0 lab hrs |
3 clinical hrs | 3 credit hrs

Prerequisite: Completion of all Junior Level courses

The purpose of this course is to introduce the student to the roles of the professional nurse in the perioperative setting. Students will have the opportunity to implement the nursing process within the preoperatives, intraoperative, postoperative and postrecovery phases of the patient's surgical experience.

Grading System: ABCDF

NUR4607. Nursing Care of the Client with Dysrhythmias

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Senior level status

EKG Interpretation and Nursing Interventions is a course designed to provide nursing students with a comprehensive understanding of normal and abnormal cardiac electrophysiology. The learner is expected to utilize knowledge obtained from the previous pathophysiology course when discussing pathology related to arrhythmias. A major emphasis will be on nursing interventions specific to the care of clients experiencing arrhythmias. Learning activities are intended to stimulate critical thinking skills and offer an appreciation towards caring for clients with dysrhythmias.

Grading System: ABCDF

NUR4608. Concepts of Rural Nursing

3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: Completion of junior level courses

The course focuses on the organization and functioning of nursing within health delivery systems in rural areas. Emphases are placed on social, economic, and cultural variables that impact on rural health, and on the responses of rural communities, health agencies and hospitals to these unique health care needs. Students conduct a rural community assessment and develop case studies and plans of care for patients with long-term health care problems who reside in specific rural areas. A comprehensive field trip is included with presentations from a wide variety of rural health care providers.

Grading System: ABCDF

NUR4609. Nursing Management of the Patient with HIV Disease3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Senior level status*

This course focuses on the nursing management of the patient with HIV disease. Its intent is to enable the beginning nursing student to identify early prodromal signs of HIV disease and to have a basic understanding of the management and treatment of opportunistic infections identify psychosocial problems and interventions associated with HIV disease, modes of transmission and safer sex behaviors. Additionally, the student will learn about historical issues of HIV disease and emerging pharmacologic treatment strategies.

Grading System: ABCDF

NUR4610. School Health Nursing3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: Completion of NUR 3100*

This course will give students an opportunity to focus on the health needs of the school health population including students, parents and faculty. An aggregate approach to health promotion and disease prevention will be addressed with emphasis on primary and secondary prevention measures. Students will use health assessment and health education principles in meeting the selected needs of individuals, families and groups.

Grading System: ABCDF

NUR4611. Entrepreneurship in Nursing3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Senior level status*

The purpose of this course is to provide the students the opportunity to explore an entrepreneurship career in nursing. Special emphasis will be placed on the learners understanding of the steps for developing, implementing, and maintaining a business including: self discovery and assessment

Grading System: ABCDF

NUR4612. Nursing in Human Loss and Grieving3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: Senior level status*

The purpose of this course is to prepare the student to care for persons who are dying and/or grieving and/or experiencing other forms of loss. Emphasis is placed on personal growth of the students and on interventions with the patient and family. Theories and skills in working with dying persons and their families are explored. In addition, legal and ethical considerations are explored. Exercises in personal experience of loss, grief and death are conducted.

Grading System: ABCDF

NUR4613. Assessment of Parent-Child Interactions

2 lecture hrs | 3 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Completion of all Junior Level courses

The health care professional is introduced to quantitative and qualitative methods used to assess the vulnerability of infants, children and their families. Clinical application of assessment processes are included.

Grading System: ABCDF

NUR4614. Principles of Oncology Nursing

3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: Senior level status

This is an introductory course in the principals of oncology nursing. It includes pathophysiology, treatment modalities, screening modalities, side effects management, care of persons with solid tumor cancers and utilization of the nursing process in caring for adults with cancer.

Grading System: ABCDF

NUR4615. Complementary Healing Modalities

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Senior level status

This course enables the student to explore a wide variety of complementary health care measures such as herbal/therapy, acupressure and reflexology available to, and utilized by people. Students study ways to understand and work with complementary healers and practitioners. The legal and ethical problems are also investigated. Complementary modalities including home remedies are analyzed to determine their efficacy. The primary purpose of this course is to familiarize the student with complementary health care modalities and the providers that practice various modes of therapy.

Grading System: ABCDF

NUR4616. Externship: Care of the Ill Child and the Family 2 lecture hrs | 0 lab hrs | 3 clinical hrs | 3 credit hrs

Prerequisite: Completion of all junior level courses

This workstudy-type course provides extensive clinical opportunities dealing with hospitalized children and their families. Students apply knowledge and nursing skills in selected care settings while being employed as a patient care assistant 32 hours per week. Didactic instruction focuses upon growth, developmental and pathophysiologic issues related to common childhood disorders.

Grading System: ABCDF

NUR4617. Adult Nursing Externship 2 lecture hrs | 0 lab hrs | 3 clinical hrs | 3 credit hrs

Prerequisite: Completion of all junior level courses

The purpose of this course is to provide the student with a unique learning opportunity to build on principles of nursing basic to the care of adult patients experiencing various health alterations. Students will explore selected concepts related to the care of the adult patient and use the nursing process to plan care of the patient and his/her family

Grading System: ABCDF

NUR4618. Critical Care Nursing 3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Completion of all junior level courses

This course provides the theoretical and functional base for the complex management of adult clients with complicated medical and surgical health problems treated in critical care settings. Fundamental concepts include an overview of the practice of critical care nursing

Grading System: ABCDF

NUR4619. Externship: Care of the Family During the Perinatal Experience 2 lecture hrs | 0 lab hrs | 3 clinical hrs | 3 credit hrs

Prerequisite: Completion of all junior level courses

The purpose of this course provides opportunities for students to expand their knowledge base in childbearing processes, the neonatal period of family dynamics and the nursing process. Opportunities are available to increase assessment, communication, and crisis intervention skills while students are employed as a Patient Care Assistant for 32 hours per week. Current trends and issues relevant to deviations from the normal childbearing process or the normal neonatal period are investigated.

Grading System: ABCDF

NUR4620. Ethical Decision Making: An Interdisciplinary Approach3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs*Prerequisite: Senior level status*

This course lays the foundation for collaborative interdisciplinary decision making which occurs within the context of health care. Emphasis is placed on case-study analysis and dialog between key players.

Grading System: ABCDF

NUR4621. Principles of Oncology Nursing3 lecture hrs | 0 lab hrs | 9 clinical
hrs | 6 credit hrs*Prerequisite: Completion of all junior level courses*

This is an introductory course in the principals of oncology nursing. It includes pathophysiology, treatment modalities, screening modalities, side effects management, care of persons with solid tumor cancers and utilization of the nursing process in caring for adults with cancer in the inpatient and outpatient oncology settings. Each clinical experience will be a precepted experience by a chemotherapy certified registered nurse or an oncology certified registered nurse (OCN, AOCN).

Grading System: ABCDF

NUR4622. High-Risk Neonatal Nursing3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: Senior level status; concurrent enrollment in NUR 4402*

This course provides the student with information related to (1) the physiological and pathophysiological phenomena associated with the high-risk newborn; (2) clinical assessment and management of the high-risk neonate; and (3) synthesis of data for planning and providing nursing care of the high-risk neonate and family.

Grading System: ABCDF

NUR4623. Spirituality in Nursing3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs*Prerequisite: Senior level status*

This course will explore the relationship between spirituality and nursing and what effects the spirituality of the client and/or the nurse have upon health and healing. The student will define their own spirituality and explore the spiritual perspectives of world religions as related to healing. Other topics to be explored will include, but are not limited to, the effects of prayer and meditation on healing, life after death experiences, spirituality and dying, and the spirituality of Florence Nightingale. Interests of the class will help determine specific content within the topical outline that will be taught. The primary purpose of this course is to familiarize the student with the spiritual perspective of nursing and assist them to identify and develop their own spiritual nursing practices.

Grading System: ABCDF

NUR4624. Forensic Nursing: Online

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Senior level status

The purpose of this course is to explore the emerging specialty of forensic nursing. This exploration will be accomplished online as the student accesses course materials via computer. The historical and theoretical development of forensic nursing will be examined. The student will analyze the scope and standards of forensic nursing practice. Areas of specialization within forensic nursing will be addressed. Issues related to interpersonal violence and child maltreatment will be examined. The student will relate how state and federal laws may impact nursing practice and evidence collection. Emphasis will be placed on the role of forensic evidence collection and documentation in all areas of nursing practice.

Grading System: ABCDF

NUR4625. Perioperative Nursing Externship

2 lecture hrs | 0 lab hrs | 3 clinical hrs | 3 credit hrs

Prerequisite: Completion of junior level courses

The purpose of this course is to introduce the student to the roles of the professional nurse in the perioperative setting. Students will have the opportunity to implement the nursing process within the preoperative, intraoperative, postoperative, and post-recovery phases of the patient's surgical experience. The student, employed as a Senior PCA, will demonstrate responsible work-role behaviors in the work setting.

Grading System: ABCDF

NUR4626. Patient, Family and Staff Education

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Senior level status

This course provides an introduction to the role of the nurse as an educator. The concepts of education, which include needs assessment, program design and planning, teaching strategies, learning, and evaluation are presented. The nurse-educator role, as implemented in a variety of situations and with various age groups, also is presented. Class participants will have an opportunity to engage in a teaching-learning activity.

Grading System: ABCDF

NUR4627. Topics in Obstetric Nursing

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Senior level status

The purpose of this course is to provide opportunities for students to deepen and expand their knowledge base in childbearing processes, family dynamics, and the nursing process. Theoretical information will be presented and discussed in a didactic setting. Current trends and issues relevant to deviations from the normal childbearing process will be investigated. Students also will explore the professional role of the nurse when dealing with individuals and families during the childbearing period. Specific roles to be examined are the legal and ethical responsibilities of the nurse during crisis situations.

Grading System: ABCDF

NUR4628. Populations at Risk in Public Health Nursing

0 lecture hrs | 3 lab hrs | 3 clinical hrs | 2 credit hrs

Prerequisite: Completion of all junior level courses

This course will focus on building and applying knowledge and skills needed for the practice of public health nursing for at-risk populations in the community. Nursing interventions related to the promotion of health of communities based on local, state and national data and priorities are emphasized. The course is intended to provide opportunities for students to use techniques of nursing leadership to collaborate with community members, and public and private partners, to identify, implement, and evaluate programs. interventions that will improve the health and well being of the community. Community-based clinical experiences allow the student to apply and demonstrate integration of knowledge and clinical skills.

Grading System: ABCDF

NUR4629. Nicotine Addiction and Treatment Strategies

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Completion of anatomy and physiology

This web-enhanced course examines nicotine addiction and its social, physical, psychological, financial, legal, and ethical impacts on our society. This course will provide an overview of the pharmacology of nicotine addiction; individual, environmental, and genetic risk factors for initiation, prevention strategies among youth and adolescents; behavioral and pharmacological treatments of nicotine addiction; and health care policies to promote prevention and cessation of nicotine addiction.

Grading System: ABCDF

NUR4630. HIV Management in Health Care1 lecture hrs | 0 lab hrs |
3 clinical hrs | 3 credit hrs*Prerequisite: Approval of program director, chair or faculty*

The purpose of this course is to introduce students to the various issues related to planning/providing care for persons across the spectrum of HIV disease. Students from various schools will participate in course information within this course. Each will have the opportunity to explore links and activities specific to their discipline. This course will examine the many aspects of HIV/AIDS related to physical, psychosocial, legal, ethical, and community issues. The course will focus on the epidemiological, medical, Political/ethical, and legal trends related to HIV disease. The relationship of HIV disease and immune function will be discussed. Risk behaviors and prevention techniques for HIV will be emphasized. This course will facilitate students in developing safe and compassionate care of persons with various stages of HIV disease. This is a web based course designed to enhance and facilitate student learning.

Grading System: ABCDF

NUR4630I. HIV Management in Health Care1 lecture hrs | 0 lab hrs |
3 clinical hrs | 3 credit hrs*Prerequisite: Approval of program director, chair or faculty*

The purpose of this course is to introduce students to the various issues related to planning/providing care for persons across the spectrum of HIV disease. Students from various schools will participate in course information within this course. Each will have the opportunity to explore links and activities specific to their discipline. This course will examine the many aspects of HIV/AIDS related to physical, psychosocial, legal, ethical, and community issues. The course will focus on the epidemiological, medical, Political/ethical, and legal trends related to HIV disease. The relationship of HIV disease and immune function will be discussed. Risk behaviors and prevention techniques for HIV will be emphasized. This course will facilitate students in developing safe and compassionate care of persons with various stages of HIV disease. This is a web based course designed to enhance and facilitate student learning.

Grading System: ABCDF

NUR4631. Informatics and Technology in Healthcare

lecture hrs | lab hrs | 3 clinical hrs | 3 credit hrs

Prerequisite: Senior Level status in the School of Nursing

The purpose of this online course is to explore the emerging specialty of informatics and examine the use of technology in healthcare. The theoretical development of healthcare informatics will be examined. The student will analyze the scope and standards of informatics nursing practice. Current and emerging health care technologies will be investigated with an emphasis on the actual and potential effects of these technologies on the work of nurses, the process of care and patient outcomes.

Grading System: ABCDF

NUR4631I. Informatics and Technology in Healthcare

lecture hrs | lab hrs | 3 clinical hrs | 3 credit hrs

Prerequisite: Senior Level status in the School of Nursing

The purpose of this online course is to explore the emerging specialty of informatics and examine the use of technology in healthcare. The theoretical development of healthcare informatics will be examined. The student will analyze the scope and standards of informatics nursing practice. Current and emerging health care technologies will be investigated with an emphasis on the actual and potential effects of these technologies on the work of nurses, the process of care and patient outcomes.

Grading System: ABCDF

NUR4632. Professionalism and Leadership in Nursing

3 lecture hrs | 0 lab hrs | 0 clinical hrs | 3 credit hrs

Prerequisite: Completion of all Junior level nursing courses.

This course focuses on the principles of leadership and professionalism. It will provide the participant the opportunity to explore their personal values and beliefs concerning nursing. Emphasis will also be placed on development of personal career maps, identifying goals, and how these goals can be met. The participant will develop and practice skills in assertiveness, conflict management, as well as verbal and written presentations.

Grading System: ABCDF

NUR4991I. Population Health

3 lecture hrs | 3 lab hrs | clinical
hrs | 4 credit hrs

Prerequisite: Acceptance into the RN-BSN program or special non-degree student status.

This course combines knowledge and skills from public health science and professional nursing practice to guide students in the promotion of population health. Through assessment and analysis of the health status of a chosen population, students intervene to influence change and promote health., Emphasis is placed on professional nursing judgment, partnership development and empowerment of populations for the improvement of the health. Students have an opportunity to develop competencies of leadership through collaboration with community leaders, decision makers, health care providers, and the people of the community. Epidemiological, educational and change models are used to design and evaluate interventions aimed at the promotion of population health.

Grading System: ABCDF

NUR4993I. Health Appraisal & Promotion for the Individual & Family

3 lecture hrs | 0 lab hrs | 0 clinical
hrs | 3 credit hrs

Prerequisite: Admission to RN-BSN or RN-MSN/MN Program

This online course present the knowledge and skill base for health assessment of individuals and families across the lifespan. Nursing interventions related to the promotion of health for individuals and families based on state and national priorities are emphasized. Community based clinical experiences allow the student to demonstrate the integration of knowledge and clinical skills.

Grading System: ABCDF

NUR4994GI. Synthesis in Professional Nursing

3 lecture hrs | 0 lab hrs |
9 clinical hrs | 6 credit hrs

Prerequisite: Successful completion of NUR3102, NUR4301, NUR4995 (NSG7030), NUR 4993 and/or concurrent enrollment in NUR3202 and NUR4401.

This online courses focuses on the application of professional nursing practice. Opportunities exist for students to synthesize and integrate theory in development of the professional role. Concepts related to leadership, management, policy, resource utilization, and planning/evaluating services are critically examined. Students choose a track (education, management, health policy, research or professional practice) for their clinical experience for professional development within an area of interest.

Grading System: ABCDF

NUR4994I. Synthesis in Professional Nursing

3 lecture hrs | 0 lab hrs |
9 clinical hrs | 6 credit hrs

Prerequisite: Successful completion of NUR3102, NUR4301, NUR4995 (NSG7030), NUR 4993 and/or concurrent enrollment in NUR3202 and NUR4401.

This online courses focuses on the application of professional nursing practice. Opportunities exist for students to synthesize and integrate theory in development of the professional role. Concepts related to leadership, management, policy, resource utilization, and planning/evaluating services are critically examined. Students choose a track (education, management, health policy, research or professional practice) for their clinical experience for professional development within an area of interest.

Grading System: ABCDF

NUR4995I. Professional Issues

3 lecture hrs | 0 lab hrs |
0 clinical hrs | 3 credit hrs

Prerequisite: Admission to the RN-BSN Program

This online course addresses the transition from the RN student's basic educational preparation to the baccalaureate professional practice. Concepts, issues, and theories impacting nursing and health care are analyzed. This course emphasizes professional role development and trends and predictions for professional nursing practice.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

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May 10, 2004

Mission of the Medical College of Georgia

As a unit of the University System of Georgia . . .

The Medical College of Georgia is a unit of the University System of Georgia and as such is committed to the following:

- a supportive campus climate, necessary services, and leadership and development opportunities, all to educate the whole person and meet the needs of students, faculty, and staff
- cultural, ethnic, racial, and gender diversity in the faculty, staff, and student body, supported by practices and programs that embody the ideals of an open democratic and global society
- technology to advance educational purposes, including instructional technology, student support services, and distance learning
- collaborative relationships with other System institutions, State agencies, local schools and technical institutes, and business and industry, sharing physical, human, information, and other resources to expand and enhance programs and services available to the citizens of Georgia

As a University System research university . . .

As a University System Research University with a statewide scope of influence, the Medical College of Georgia shares a commitment to:

- excellence and responsiveness in academic achievements that impart national or international status
- a teaching/learning environment, both inside and outside the classroom, that sustains instructional excellence, serves a diverse and well-prepared student body, provides academic assistance, and promotes high levels of student achievement
- wide-ranging research, scholarship, and creative endeavors that are consistent with the highest standards of academic excellence, that are focused on organized programs to create, maintain, and apply new knowledge and theories, and that promote instructional

effectiveness and enhance institutionally relevant faculty qualifications

- public service, economic development, and technical assistance activities designed to address the strategic needs of the State of Georgia along with a comprehensive offering of continuing education programs, including continuing professional education to meet the needs of Georgia's citizens for life-long learning
- a range of disciplinary and interdisciplinary academic programming at the baccalaureate, masters, and doctoral levels, as well as a range of professional programs at the baccalaureate and post-baccalaureate level, including the doctoral level

As the Medical College of Georgia . . .

The Medical College of Georgia, chartered in 1828 as a single academy to provide instruction in "several branches of the healing art," is a major academic health center and a health sciences research university. The institution, consisting of the schools of Allied Health Sciences, Dentistry, Graduate Studies, Medicine, and Nursing and the Hospital and Clinics, serves a highly focused and specialized student body. As an academic health center and research university, the Medical College of Georgia is committed to:

- Excellence in academic achievement, which will bring to it national and international recognition
- Development of a fully-integrated and cost efficient health care system that provides leading edge clinical innovation and technology
- A shared responsibility for meeting the health care needs of a widely dispersed and highly diverse population
- broadly-based research, scholarship, and creative endeavors consistent with the highest standards of academic excellence

In view of these commitments, the Medical College of Georgia affirms the following major purposes:

- **to provide outstanding educational programs for health professionals, biomedical scientists, and educators at the undergraduate, graduate, and postgraduate levels and for lifelong learning through excellence in teaching and the total development of students in response to the health needs of the state of Georgia**
- **to provide a high quality, state-of-the art health care system, which includes health promotion and disease prevention, and to encourage, test, and improve access through the use of innovations in health care delivery responsive to the changing**

demographics and needs of the people of the state and nation

- **to be a leading center of excellence in research through the generation and application of biomedical knowledge and technology to human health and disease and to play an expanding role in the transfer of technology to the health care delivery system**

The Medical College of Georgia is committed to being one of the nation's premier academic health centers for outstanding education, committed public service, and leading-edge research and scholarship. As it pursues this goal, the institution is determined to embody the concept of interactive, ongoing partnerships embracing faculty, students, patients, staff, and the public across the state and nation in order to effectively serve those who seek a career, those who seek knowledge, and those who seek care.

Approved and adopted by the Board of Regents, January 12, 1999

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May 10, 2004

Notices

The statements set forth in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and this institution.

While the provisions of the catalog will ordinarily be applied as stated, the Medical College of Georgia reserves the right to change any provision listed in this catalog, including but not limited to academic requirements for graduation, without actual notice to individual students. Reasonable effort will be made to keep students advised of any such changes. Information on changes will be available in the offices of the president, academic deans, and enrollment and student affairs. It is especially important that students note that it is their responsibility to keep themselves apprised of current graduation requirements for their particular degree program.

Limitation on Institutional Liability

In the event that an administrative hearing officer or a court of record determines that "publications" issued by the institution create a contractual or quasi-contractual relationship with any person, the amount of damages recoverable by the parties shall be limited to the amount of consideration paid by the person for the privilege of admission, enrollment, continued enrollment or other service rendered by the institution to such person. As used herein, the term "publications" (without limiting the generality of the normal meaning of the term) shall be deemed to include any and all written or electronic forms or other documents issued by the institution concerning applications for admission, enrollment or continued enrollment, waivers of liability, consents to medical treatment, dormitory occupancy and any and all other written forms, documents, letters or other materials issued by the university in furtherance of its educational mission.

Statement of Non-discrimination

The Medical College of Georgia is an affirmative action/equal opportunity educational institution in that no person shall on the grounds of sex, race, color, creed, religion, age, national origin, sexual orientation, veteran's status or handicap be excluded from participation in or be otherwise subjected to discrimination in any educational program, activity, or facility.

The Medical College of Georgia is committed to an effective affirmative action policy. MCG strives to recruit, admit and educate a cross-section of qualified men and women representing the socio-economic, racial and cultural diversity of Georgia. This commitment is in keeping with our moral, legal and social responsibility and with the highest ideals and principles of American higher education.

Accessibility to Disabled Persons

The Medical College of Georgia's physical facilities and institutional programs have been modified in accordance with

federal law and regulations to allow equally effective access by disabled persons. Structural changes, such as adaptations to public restrooms and construction of ramps and curb cuts, have been made to improve accessibility. Special services may be made available on a reasonable basis in accordance with reported needs of individual disabled students.

In accordance with Section 504 of the Rehabilitation Act of 1973 and The Americans With Disabilities Act, it is the policy of the Medical College of Georgia to insure that all students with disabilities are afforded equal opportunity and access to programs and facilities. Students are encouraged to identify their disability so that the medical college can determine what reasonable accommodation may be made.

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May 10, 2004

Quick Links

- [Academic Calendars](#)
- [Academic Regulations](#)
- [Course Catalog](#)
- [Curriculum Inventory](#)
- [Instructions](#)
- [Forms](#)
- [Legislative Exams](#)
- [Regents Test](#)
- [Request a Transcript](#)
- [Request Enrollment Certification](#)
- [Tuition and Fees](#)
- [Withdrawal](#) (pdf)

Information for:

- [Current Students](#)
- [Prospective Students](#)

Contact Information:

Office of the Registrar
Medical College of Georgia
1120 15th Street, AA
171
Augusta GA 30912-7315
Office #: (706) 721-2201
Office Fax#: (706) 721-0186
Office Hours 8-5 M-F



How to Request a Transcript

A transcript documenting your enrollment and academic performance at the Medical College of Georgia may be requested from the Office of the Registrar by submitting a written request which contains your signature. Requests cannot be accepted over the telephone or by e-mail.

You may complete a request for a transcript in the Registrar's Office in room 171 of the Kelly Administration Building on Laney-Walker Boulevard. Office hours at 8:00 a.m. until 5:00 p.m. Monday through Friday.

You also may mail or fax a written request to the Registrar's Office at AA-171 Administration Building, Medical College of Georgia, Augusta GA 30912-7315.



For your convenience, the request form for [Transcript or Letter of Certification](#) is available on line as an (Adobe PDF file). The form is interactive so you may **(1)** complete the form on line, then **(2)** print the form, **OR** you may **(1)** print the form **(2)** then complete in black ink and print legibly.

Once the form is complete, please fax **(706) 721-0186** or send it by mail to:

**Registrar's Office
AA-171, Administration Building
Augusta, Georgia 30912-7315**

There presently is no charge for a transcript. **However, no transcripts will be furnished for anyone whose financial obligations to the Medical College have not been met.** You will be notified if this is the case.

When possible, requests should be made well in advance of the

date when the transcript is needed. Transcripts will be sent out the day after a request is received; however, allow additional time during peak periods.

Transcripts without the seal of the Medical College of Georgia are not valid for transfer of credit or admission to other colleges or universities. All transcripts issued to the student will so indicate.

[Back to the Top](#)

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[Registrars Home Page](#)

[Students](#) | [Prospective Students](#) | [Medical College of Georgia](#)

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December 11, 2003

Quick Links

- [Academic Calendars](#)
- [Academic Regulations](#)
- [Course Catalog](#)
- [Curriculum Inventory](#)
- [Instructions](#)
- [Forms](#)
- [Legislative Exams](#)
- [Regents Test](#)
- [Request a Transcript](#)
- [Request Enrollment Certification](#)
- [Tuition and Fees](#)
- [Withdrawal \(pdf\)](#)

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- [Current Students](#)
- [Prospective Students](#)

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Academic Calendars

On the following pages are the academic calendars which have been set for the Medical College of Georgia. Although many dates on the calendars are the same for all schools and programs at MCG, the calendars have been arranged according to school.

School of Allied Health Sciences
[2003 - 2004](#) | [2004 - 2005](#) | [2005 - 2006](#)

School of Dentistry
[2003 - 2004](#) | [2004 - 2005](#)

School of Graduate Studies
[2003 - 2004](#) | [2004 - 2005](#)

School of Nursing
[2003 - 2004](#) | [2004 - 2005](#)

School of Medicine
[2003 - 2004](#) | [2004 - 2005](#)

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[Students](#) | [Prospective Students](#) | [Medical College of Georgia](#)

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September 24, 2003

Quick Links

[Academic Calendars](#)
[Academic Regulations](#)
[Course Catalog](#)
[Curriculum Inventory](#)
[Instructions](#)
[Forms](#)
[Legislative Exams](#)
[Regents Test](#)
[Request a Transcript](#)
[Request Enrollment Certification](#)
[Tuition and Fees](#)
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Academic Regulations

- [Academic Honesty](#)
- [Academic Probation, Dismissal and Suspension](#)
- [Adding and Dropping Courses](#)
- [Attendance](#)
- [Auditors](#)
- [Classification of Students](#)
- [Continuing Enrollment During Breaks in Academic Calendar](#)
- [Course Numbering System](#)
- [Campus Review Body](#)
- [Curriculum Changes](#)
- [Dean's List](#)
- [Educational Records](#)
- [Examinations](#)
- [Good Standing and Satisfactory Progress](#)
- [Grades](#)
- [Grade Changes](#)
- [Graduation with Honors](#)
- [Late Registration Policy](#)
- [Normal Course Load](#)
- [Planning the Academic Program](#)
- [Professional Liability Insurance](#)
- [Registration](#)
- [Registration for Make-up of Incomplete Grades](#)
- [Repeated Course Work](#)
- [Requirements for Graduation](#)
- [Units of Credit](#)
- [Withdrawal from the University](#)



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[Registrars Home Page](#)

[Students](#) | [Prospective Students](#) | [Medical College of Georgia](#)

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May 30, 2003

Academic Regulations

- [Academic Honesty](#)
- [Academic Probation, Dismissal and Suspension](#)
- [Adding and Dropping Courses](#)
- [Attendance](#)
- [Auditors](#)
- [Classification of Students](#)
- [Continuing Enrollment During Breaks in Academic Calendar](#)
- [Course Numbering System](#)
- [Campus Review Body](#)
- [Curriculum Changes](#)
- [Dean's List](#)
- [Educational Records](#)
- [Examinations](#)
- [Good Standing and Satisfactory Progress](#)
- [Grades](#)
- [Grade Changes](#)
- [Graduation Requirements](#)
- [Graduation with Honors](#)
- [Late Registration Policy](#)
- [Normal Course Load](#)
- [Planning the Academic Program](#)
- [Professional Liability Insurance](#)
- [Registration](#)
- [Registration for Make-up of Incomplete Grades](#)
- [Repeated Course Work](#)
- [Units of Credit](#)
- [Withdrawal from the University \(pdf\)](#)

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May 10, 2004

Quick Links

[Academic Calendars](#)
[Academic Regulations](#)
[Course Catalog](#)
[Curriculum Inventory](#)
[Instructions Forms](#)
[Legislative Exams](#)
[Regents Test](#)
[Request a Transcript](#)
[Request Enrollment Certification](#)
[Tuition and Fees](#)
[Withdrawal \(pdf\)](#)

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[Prospective Students](#)

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 Augusta GA

Academic Regulations**Units of Credit**

The unit of credit is the semester hour. A semester hour equals 50 minutes of class work per week for one semester, or its equivalent in other forms of instruction. Credit given for particular courses is as stated in the course listings of this catalog, or as defined at the time of registration by the various schools.

Course Numbering System

The university offers courses numbered 1000 to 2990 to students in the lower division of undergraduate schools and courses numbered 3000 to 4999 to students in the upper division of undergraduate schools. Graduate courses are numbered from 6000 to 9999. Certain courses are offered to undergraduate, graduate and professional students jointly. Such courses are numbered appropriately for each class and degree program.

Courses in the Schools of Medicine and Dentistry are numbered from 5000 to 5990. Developmental and remedial courses, which do not carry academic credit for graduation purposes, have course numbers of 0999 and below.

Classification of Students

The classification under which a student registers at the beginning of each academic semester will continue throughout the academic semester.

Undergraduate students are classified as follows:

Classifications Hours Earned

Freshman	less than 30
Sophomore	at least 30
Junior	at least 60
Senior	at least 90

Grades

The Medical College of Georgia is on the 4.0 grade point average system. The following grades are approved for use in the Medical College of Georgia and are included in the determination of the grade point average:

Grade	Description	Grade Points
A	excellent	4.0
B	good	3.0
C	satisfactory	2.0
D	passing*	1.0
F	failure	0.0
WF	withdrew, failing	0.0

The following symbols are approved for use in the cases indicated, but will not be included in the determination of the grade point average.

30912-7315

Office #:

(706) 721-

2201

Office Fax#:

(706) 721-

0186

Office Hours

8-5 M-F



I - This symbol indicates that a student was doing satisfactory work but, for non-academic reasons beyond his/her control, was unable to meet the full requirements of the course. The requirements for removal of an I are left to the respective schools; however, if a school does not designate a shorter time period, an I not satisfactorily removed after two semesters in residence will be changed to the grade of F by the registrar.

If a student is assigned an I, the course director must notify the student in writing of the requirements for removal of the I and of the deadline for removal of the I. A copy of the notice must be submitted to the Office of the Registrar at the time the I is submitted. An e-mail notification to the student, with a copy of the e-mail sent electronically to the Office of the Registrar (registrar@mail.mcg.edu), meets the requirements of this policy.

W- This symbol indicates that a student was permitted to withdraw without penalty. Any student who withdraws on or before midterm will receive a W. Withdrawals without penalty will not be permitted after the mid-point of the total grading period (including final examinations) except in cases of hardship as determined by the appropriate academic dean.

S - This symbol indicates that credit has been given for completion of degree requirements other than academic course work. The use of this symbol is approved only for dissertation and thesis hours, student teaching, clinical practicum, internship and proficiency requirements in graduate programs. Exceptions to the use of this symbol for academic course work must be submitted to the Chancellor for approval.

U - This symbol indicates unsatisfactory performance in an attempt to complete degree requirements other than academic course work. The use of this symbol approved only for dissertation and thesis hours, student teaching, clinical practicum, internship and proficiency requirements in graduate programs. Exceptions to the use of this symbol for academic course work must be submitted to the Chancellor for approval.

V - This symbol indicates that a student was given permission to audit this course. After the last day of late registration, students may not transfer from audit to credit status or vice versa.

K - This symbol indicates that a student was given credit for the course via a credit by examination program approved by the respective school's faculty. (CLEP, AP, Proficiency, etc).

CP- At MCG, this symbol designates a course that extends beyond the semester. A grade is not given until the course is completed. This symbol cannot be substituted for an I (Incomplete).

Registration for Make-Up of Incomplete Grades

If a student receives an Incomplete (grade of I) in a course, the student is expected to complete the requirements for the course and earn a final grade in a timely manner. The completion of assignments for the removal of an Incomplete should routinely take place during the academic term immediately following the term when the student received the Incomplete.

1) No individual may engage in clinical or laboratory activities for the purposes of completing the requirements of a course in which he or she has an Incomplete unless the individual is registered as a student at the Medical College of Georgia.

a) Students who are progressing through the normal curriculum in their program of study and are registered for the normal course load expected of students in their program may complete work for the removal of an Incomplete without

registering for an additional course.

- b) Students who wish to remove an Incomplete by completing the required assignments during a term that they would not normally be taking classes must be registered as a student if the required assignments include clinical or laboratory activities.
- 2) Registration as a student requires enrollment in a course and payment of appropriate tuition and fees.
- 3) If a student has an Incomplete in a course, the student may not be re-registered in that course for the purpose of meeting the requirement to be registered while making up the Incomplete; to do so would result in the student being awarded credit twice for the same course.
- 4) Students who must return to school after their expected graduation date in order to complete assignments for the removal of an Incomplete in a course must be registered as a student if the assignments include any clinical or laboratory activities.
- 5) Individuals may make up an Incomplete without being registered as a student if the activities required for the course in question do not involve clinical or laboratory activities.
- 6) Each degree program shall establish a Satisfactory/Unsatisfactory graded independent study course for a minimum of one credit hour that will be used to meet the requirements of this policy.

Grade Changes

Any grade recorded by the registrar will be changed in accordance with MCG and Regents' grading policies upon receipt from the instructor of a completed Grade Change Report form. Forms are available from the registrar.

Repeated Course Work

By registering for a course for which credit has already been received, a student forfeits credit toward graduation in the previous course. The final grade for graduation purposes will be the grade in the repeated course; however, all hours attempted and grades earned will appear on the transcript and be used in computing the grade point average.

Registration

Registration for courses must be completed on the dates slated in the [academic calendar](#).

Registration procedures are the responsibility of the registrar. Notification of these procedures and any changes in the academic calendars will be sent to students at the appropriate time.

Continuing Enrollment During Breaks in the Academic Calendar

All students are considered to be enrolled and in good standing from the time they register for a semester: (1) until they register for the next semester; or (2) through the last day for late registration for the next semester as shown on the official academic calendar, whichever occurs first.

Adding and Dropping Courses

Additions to a student's course schedule will not be allowed after the deadline for adding courses set forth in the academic calendar of the institution offering the course.

A course may be dropped without penalty up to the midterm date set forth in the academic calendar. Following this deadline, a student dropping a course will receive a *WF* (Withdrew Failing), except in cases of hardship as determined by the appropriate academic dean. *WF* grades will be treated as *F* grades for grade point calculations.

Courses may only be added or dropped by following procedures established by the registrar. The refund of matriculation fees is limited to withdrawal from the institution and not for dropping of individual courses.

Late Registration Policy

1. Students failing to register by the last date of regular registration for their school or program, to include payment of fees, shall be permitted to register during the time designated for late registration. However, a late fee of \$25 shall be assessed for any student registering late.
2. In keeping with Board of Regents policy, registration fees are due and payable at the time of registration. The student cannot be enrolled until all registration and other fees are paid in full.
3. No student shall be permitted to register after the last date of late registration, except in cases of unusual circumstances as judged by the dean of the school concerned or by the president of the Medical College of Georgia. In such cases, the student shall be required to pay the late registration fee in addition to the regular registration fees.

While reasonable efforts shall be made to inform students of registration dates and any changes in the dates published in the catalog, it is the student's responsibility to keep apprised of such changes.

Auditors

Regularly enrolled MCG students may register for courses as auditors. No academic credit shall be awarded to students enrolled on this basis. After the last day for registration, no changes from an audit basis to credit or from credit to audit will be permitted. Students auditing courses will be required to pay the regular fees for enrollment. (*See the "Fees" section of this catalog.*) Courses taken as audits do not count toward financial aid eligibility.

Attendance

Regular, punctual attendance is expected of students in all classes and is counted from the first class meeting each term. Students who incur an excessive number of absences are subject to academic penalty.

Specific attendance requirements may be established by individual schools/programs.

Professional Liability Insurance

Students in the health professions are required to participate in various clinical learning experiences as a prerequisite to successful completion of programs of study. Many of the clinical facilities where these learning experiences take place will only accept students who are covered by professional liability insurance. Students may contact the office of the dean of the MCG school in which they expect to enroll for information on the availability and cost of such coverage.

Academic Honesty

The university recognizes honesty and integrity as being necessary to its academic function. The following regulations protect the equity and validity of the university's grades and degrees, and help students develop standards and attitudes appropriate to academic life.

1. No student will receive assistance not authorized by the instructor in preparing any assignment, essay, laboratory report or examination to be submitted as a requirement for an academic course.
2. No student will knowingly give unauthorized assistance to another person in the preparation of any assignment, essay, laboratory report or examination to be submitted as a requirement for an academic course.
3. No person will sell, give, lend or otherwise furnish to any unauthorized person material that can be shown to contain the questions or answers to any examination scheduled to be given at any subsequent date, in any course of study offered by the university excluding questions and answers from tests previously administered and authorized for release by the administering faculty member.
4. Plagiarism is prohibited. Themes, essays, term papers, tests and other similar

requirements must be the work of the student submitting it. When direct quotations are used, they must be indicated, and when the ideas of another are incorporated in the paper, they must be appropriately acknowledged.

5. Fraudulent research activity is prohibited. Misrepresentation of data collection and analysis, including falsification, fabrication or omission of data is prohibited.
6. Any person taking, or attempting to take, steal or otherwise procure in any unauthorized manner any material or information pertaining to the conduct of a class including tests, examinations, laboratory equipment, roll books, etc., violates this regulation.

Schools handle disciplinary actions according to their individual honor codes. Copies of the honor codes may be obtained from:

School of Allied Health -- No honor code different than the institutional policy.

School of Dentistry -- Associate Dean for Student Admissions and Alumni, School of Dentistry, room 1106, (706) 721-2813. [Student Conduct Code](#). (30 page PDF file)

School of Graduate Studies -- No honor code different than the institutional policy.

School of Medicine -- Associate Dean for Admissions and Student Affairs, Kelly Building-- Administration, room 2040. [School of Medicine Honor System](#).

School of Nursing -- No honor code different than the institutional policy.

Quick Links

- [Academic Calendars](#)
- [Academic Regulations](#)
- [Course Catalog](#)
- [Curriculum Inventory](#)
- [Instructions](#)
- [Forms](#)
- [Legislative Exams](#)
- [Regents Test](#)
- [Request a Transcript](#)
- [Request Enrollment Certification](#)
- [Tuition and Fees](#)
- [Withdrawal](#) (pdf)

Information for:

- [Current Students](#)
- [Prospective Students](#)

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 Medical College of Georgia
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 171
 Augusta GA 30912-7315
 Office #: (706) 721-2201
 Office Fax#: (706) 721-0186
 Office Hours 8-5 M-F

**Academic Regulations****Dean's List**

To recognize superior academic performance among undergraduates, a Dean's List is compiled each semester. The achievement of each student who qualifies is acknowledged and noted on the student's permanent record. To qualify for the Dean's List, a student must have attempted 12 or more hours of graded academic work in a semester and have achieved a grade point average of at least 3.50. For students with Incompletes, Dean's List computations will not be made until a grade is determined.

Dean's List qualifications for the [School of Dentistry](#) are stated in the school's section of the [catalog](#).

Graduation with Honors

Baccalaureate Degrees MCG awards undergraduate degrees with honors to candidates who meet specific standards of academic excellence as measured by the grade point average. In order to be considered for a degree with honors, a student must have completed a minimum of 60 semester hours in residence for a baccalaureate degree, and only work taken in residence* will be considered. The honors grade point average is computed beginning with the semester of initial enrollment or with enrollment in the School of Nursing or current program for students in the School of Allied Health Sciences. The standards are as follows:

<i>Summa cum laude</i>	3.90
<i>Magna cum laude</i>	3.70
<i>Cum laude</i>	3.50

Certificates MCG Awards honors to students who successfully complete a program of study in a certificate program. In order to be considered for a certificate with honors, a student must have completed a minimum of 30 semester hours in residence, and only work taken in residence* will be considered. The honors grade point average is computed beginning with the semester of initial enrollment or current program for students in the School of Allied Health Sciences. The standards are as follows:

<i>Highest Honors</i>	3.90
<i>High Honors</i>	3.70
<i>Honors</i>	3.50

For baccalaureate degrees and certificates, grade point averages will be rounded to the nearest hundredth to determine eligibility. This distinction of high academic achievement is placed on the student's diploma or certificate and is noted on the permanent record.

*Residence credit is defined as "course taken for which matriculation/tuition fees are paid to the Medical College of Georgia."

Normal Course Load

The normal course load may vary with the degree program. Students may be required to register for a course load less than the normal course load if this action is determined to be advisable in the light of the student's academic standing or for other reasons. An undergraduate student who in any semester registers for less than 12 semester hours and a graduate studies student who registers for less than 9 semester hours, is considered a part-time student; a student who registers for more hours than these is considered a full-time student. No student of the Schools of Allied Health Sciences, Graduate Studies or Nursing may register without special approval from his/her dean for any hours above the norm (including audit courses) in any given academic semester.

The School of Medicine does not admit students on a part-time basis. Students may, with appropriate approval, carry lesser academic loads than other students because of academic or scheduling problems. However, these students are considered to be committed to full-time pursuit of the M.D. degree.

The School of Dentistry. All D.M.D. degree-seeking students are considered to be full-time and are expected to devote full-time efforts toward completing requirements for the degree. Most students complete the program in four calendar years and take a uniform semester course schedule. Other students may, with special permission, complete the degree program in more than four years and take a variable semester course load designed to meet their academic or scheduling circumstances.

The only exception to this rule is for part-time faculty who may be allowed to register as part-time students in order to complete the D.M.D. degree. A limited number of special students, who are not degree-seeking, may also be permitted to enroll part-time.

Planning the Academic Program

The academic program of each student should be planned in consultation with the academic adviser, major professor or other person as designated by the dean of the school concerned; however, the student is ultimately responsible for meeting all graduation requirements for the degree sought.

Examinations

A student may be required to perform acceptably on any examination before graduation as deemed appropriate by the academic deans, president and/or Board of Regents.

Academic Probation, Dismissal and Suspension

The following policy applies to all undergraduate programs. Policies for graduate-level programs are stated under the appropriate school section of this catalog.

Academic Probation. Any undergraduate student whose grade point average (GPA) for any semester is below 2.0 (on a 4.0 scale) or whose cumulative MCG GPA is below 2.0 at the end of any semester shall be considered on academic probation (subject to the provisions of the following dismissal and suspension policies). More stringent departmental probation standards may be applied.

Academic dismissal is the involuntary separation from the university of a student who fails to maintain academic standards. Any undergraduate student shall be dismissed whenever he/she:

1. Receives a failing grade in all academic courses in any semester in which the student attempts more than one academic course;
2. Fails to achieve and maintain at least a 1.80 cumulative GPA for all resident work after 30 hours and a 2.0 for all resident work at the end of any academic year thereafter;
3. Fails to achieve a semester GPA of at least 2.0 in the semester immediately following his/her placement on probation.

Any student dismissed for academic reasons and seeking to be readmitted may reapply for the next regular admission date following standard application procedures.

Where circumstances warrant, a student dismissed under the provisions of this policy may be reinstated as a student on probation upon written authorization of the dean and subject to conditions of continuation established by the dean at the time of reinstatement.

Academic suspension differs from academic dismissal in that a time period may be stated after which return to the program may be permitted. A student who has been suspended may be advised of any conditions necessary for reinstatement and may be permitted to re-enroll at the appropriate time after meeting these conditions.

Individual school/department policy may be established which dictates that an undergraduate student who fails to make at least a C in any course which is essential to further study in the curriculum of the program in which he/she is enrolled may be suspended. Where the course is essential to some but not all further study, the department may choose to offer the student a reduced academic load over an increased number of semesters to assist the student in completing the program of study.

Courses considered to be essential to further study should be identified for the student by the school/ department at the time the student enters the program.

Good Standing and Satisfactory Progress

A student is considered to be in good standing and making satisfactory progress each semester he/she is permitted to enroll as a degree-seeking student.

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[Registrars Home Page](#)

[Students](#) | [Prospective Students](#) | [Medical College of Georgia](#)

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May 30, 2003

Quick Links

- [Academic Calendars](#)
- [Academic Regulations](#)
- [Course Catalog](#)
- [Curriculum Inventory](#)
- [Instructions](#)
- [Forms](#)
- [Legislative Exams](#)
- [Regents Test](#)
- [Request a Transcript](#)
- [Request Enrollment Certification](#)
- [Tuition and Fees](#)
- [Withdrawal](#) (pdf)

Information for:

- [Current Students](#)
- [Prospective Students](#)

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**CAMPUS REVIEW BODY**1. PURPOSE

The Campus Review Body (CRB) is a centralized, institutional body for hearing appeals by students who have been sanctioned because of misconduct or academic failure.

2. DEFINITIONS

- a. **Academic Sanction** – Sanction imposed on a student by a School/Program based on student's failure to meet the academic standards or requirements of his/her School/ Program. Such sanctions may include (1) academic dismissal; (2) academic suspension; or (3) the requirement that a student repeat a given course or year. Receipt of a failing grade in a given course shall not constitute an academic sanction for purposes of this policy.
- b. **Conduct Sanction** – Sanction imposed on a student by a School/Program for unprofessional or unbecoming conduct including but not limited to violation(s) of the Student Conduct Code, Student Housing Agreement and/or local, state or federal law or by the Office of Student Affairs for violations of the Student Housing Agreement.
- c. **Final decision** – For purposes of this policy "Final decision" refers to the written decision of the Dean of a School. Only a final decision may be heard by the CRB.

3. JURISDICTION

The CRB shall have jurisdiction over all Schools and students comprising the Medical College of Georgia to review:

- a. **Academic Sanctions** that represent the **final decision** of any School with respect to a student. Cases involving academic sanctions will be heard by a review body composed solely of faculty members of the CRB. (CRB shall not have the authority to review

decisions as to a student's grade in an individual course).

b. **Conduct Sanctions** that represent the **final decision** of any School or the Office of Student Affairs with respect to a student.

4. COMPOSITION

The CRB shall consist of eleven (11) members and shall include:

a. Five (5) students, one from each School, as recommended by the President of the Student Government Association and appointed by the President of the Medical College of Georgia and who shall serve one (1) year terms and be eligible for reappointment; and

b. Five (5) faculty members, one from each School, at least two (2) of whom are tenured faculty and who shall be appointed by the President of the Medical College of Georgia. In addition, the Chair of the Academic Council Grievance Committee shall serve as Chair of the Campus Review Body. Faculty members shall serve three (3) year terms and are eligible for reappointment.

5. PROCEDURE

a. Student receives the final written decision of his/her School as to an Academic or Conduct Sanction. This written statement from the Dean will advise student of the right to request a hearing before the CRB within five (5) working days of receipt of the School's final decision.

b. Within five (5) working days of receipt of the School's final decision, the student must make a written request for a hearing before CRB to the Vice President for Enrollment and Student Services or his designee. The Vice President for Enrollment and Student Services or his designee will notify the CRB Chairperson of the hearing request.

c. Within five (5) working days of receipt of a request for hearing, CRB will conduct an evaluation of the request and notify the student in writing that CRB will:

1) Deny the request for hearing based on a determination that

the student was given adequate due process (including a hearing) in accordance with written School policies and procedures and Board of Regents requirements; or

2) Grant the request for a hearing based on:

a) a determination that the student did not receive a hearing at the School level

and is entitled to one under the law and/or the Board of Regents_ requirements; or

b) a determination that additional facts/information concerning the matter have come to light; or

c) for other valid cause.

d. If the CRB denies the request for hearing pursuant to 5.3 above, then the written notice to the student (with a copy to the Vice President for Enrollment and Student Services) will include notification of the right to appeal to the President of the Medical College of Georgia within five (5) working days of the student's receipt of the notice from CRB.

e. If the CRB grants the request for a hearing, then the CRB shall send the student written -notice setting forth a date and time for the hearing. For the hearing, the CRB shall appoint a review body, composed of no less than three (3) members of the CRB to conduct the hearing. In no event shall the number of students appointed to such a review body exceed the number of faculty appointed. Additionally, in cases involving academic sanctions the review body shall be composed solely of faculty member of the CRB. CRB shall have ten (10) working days from the date of its decision to grant the hearing to conduct the hearing and submit its final recommendation to the Provost

f. The CRB will recommend to the Provost that the School's final decision be affirmed or reversed, in whole or in part.

g. Within two (2) working days of receipt of the CRB's recommendation, the Provost will review the recommendation and notify the student and School in writing of his decision. This written decision will include notification to the Student of the right to appeal

to the President of the Medical College of Georgia within three (3) days.

h. The time periods set forth in this policy may be waived by mutual consent and with the approval of the Provost.

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[Registrars Home Page](#)

[Students](#) | [Prospective Students](#) | [Medical College of Georgia](#)

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June 23, 2003

Quick Links

- [Academic Calendars](#)
- [Academic Regulations](#)
- [Course Catalog](#)
- [Curriculum Inventory](#)
- [Instructions](#)
- [Forms](#)
- [Legislative Exams](#)
- [Regents Test](#)
- [Request a Transcript](#)
- [Request Enrollment Certification](#)
- [Tuition and Fees](#)
- [Withdrawal](#) (pdf)

Information for:

- [Current Students](#)
- [Prospective Students](#)

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*Academic Regulations***Educational Records**

Official academic records are maintained by the registrar. Access to these records is governed by the Family Educational Rights and Privacy Act of 1974, as amended. A listing of all students' educational records maintained by the institution is contained in the [Student Handbook](#), which is available from the [Division of Student Affairs](#).

Curriculum Changes

The new knowledge continually emerging in the health sciences, changing concepts in the delivery of health care and consideration of certification and licensure requirements may necessitate changes in the curriculum of a given school. However, when such changes are anticipated or made after careful review and evaluation, full consideration will have been given to the impact these changes might have on the student's overall academic program during his/her period of matriculation. Consideration will also be given to the impact of any changes on the faculty and the institution as a whole.

Requirements for Graduation

All financial obligations to the institution must be met prior to graduation.

Requirements for Graduate, Medical and Dental Degrees

Requirements for graduate, medical and dental degrees are stated in the [catalog](#) under the sections for the [School of Medicine](#), [School of Dentistry](#) and [School of Graduate Studies](#).

Requirements for Baccalaureate Degrees

Requirements in addition to those listed below for baccalaureate degrees may be stated in the catalog under the sections for the [School of Allied Health Sciences](#) and the [School of Nursing](#).

1. Recommendation by Faculty. It is implicit in the requirements for all degrees conferred by the university that the faculty of each school recommend each candidate for a degree as having met all requirements for the degree to be conferred.
2. Residence Requirements. Every candidate for a baccalaureate degree at the Medical College of Georgia must earn a minimum of 30 semester hours in residence.
3. Total Credit Requirements. A minimum of 120 semester hours (excluding physical

education) is required for a baccalaureate degree.

4. [Regents' Testing Program Examination Requirement](#). The University System of Georgia requires that each student receiving a bachelor's degree from a state-supported college must have successfully completed this examination (*See the section on the Regents Testing Program Examination in this catalog.*)

5. Examinations on the History and Constitutions of the United States and Georgia. Examinations on these subjects are required of all baccalaureate degree students unless exempted by presentation of course credit dealing with these constitutions and histories. The examination will be given by the Registrar's office. Students are advised to meet this requirement early in their academic career.

6. Scholarship. An undergraduate degree shall not be conferred on any person whose overall grade point average (for courses in residence) is less than 2.0. Credit hours in courses with the grade of D shall not exceed 20 percent of the total hours (including transfer hours) used as credits for a degree. Individual curricula may establish higher standards for achievement, in which case, the higher standards shall apply.

Application for Graduation

Application for graduation must be made by each candidate on a form obtainable from the following offices:

Allied Health Sciences	Departments
Dentistry	Associate Dean for Academic Affairs
Graduate Studies	Dean
Medicine	Curriculum
Nursing	Advisement and Records

The application form should be completed by registration of the semester in which the student will graduate. The candidate for a degree from the university must attend the commencement exercise at which the degree is to be conferred, unless he/she is officially excused in writing by the appropriate academic dean.

Only those students who have completed requirements for the degree by the date of graduation will be allowed to participate in commencement exercises and to have their names listed in the program. Exceptions to this policy may be made for:

1. Students who are expected to complete requirements within a few weeks following commencement either at an affiliated college or at MCG. In the case of those at MCG, this is permitted only upon the recommendation of the dean and the president and the actual date of completion of requirements must appear on the diploma. These exceptions apply only to students scheduled for completion of requirements prior to the end of summer semester. The student will receive a mock diploma in the ceremony.
2. Students enrolled in an academic program with a restrictive curriculum which provides completion of requirements only after the normal graduation time but before Dec. 31. All academic major areas under these guidelines must be

approved for special graduation participation by the academic dean and the president. Only an academic major area can be approved, not an individual. The allowance will be restricted to undergraduate majors. The student will receive a mock diploma in the ceremony. The student's name in the program will be footnoted explaining the special circumstances of his/her participation.

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[Registrars Home Page](#)

[Students](#) | [Prospective Students](#) | [Medical College of Georgia](#)

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May 30, 2003

[MCG Events Calendar](#)

[Administration](#)

[Curriculum](#)

- [April Newsletter](#) **NEW!**
- [January Newsletter](#)

(PDF's)

[Faculty Senate](#)

[Faculty Resources](#)

[Career Development & Education Center \(CDEC\)](#)
[Clinical Investigative Services](#)

[Promotion & Tenure](#)

- [Educator's Portfolio](#)
- [Resources](#)
- [Guide to Policies](#)

[Academic Resources](#)

[Academic Calendars](#)
[Admissions Bulletin](#)
[Honor System](#)
[Special Academic Programs](#)
[Division of Student Affairs](#)

[Academic Programs and Training](#)

[Continuing Education](#)
[MD/PhD Program](#)
[Residency Programs](#)
[Dean's Student Summer Research Program](#)

[Special Initiatives](#)

[LCME Task Force Summary](#)
 (PDF)

[Research & Education Services](#)

The physician occupies a vital and honored position in today's increasingly sophisticated and complex society. Opportunities for employment include clinical practice, teaching and work in the research arena. Successful completion of the requirements of the School of Medicine leads to the MD degree and a career dedicated to maintaining health and alleviating and curing disease.



[School of Medicine Departments](#)

[Anesthesiology & Perioperative Medicine](#)
[Biochemistry & Molecular Biology](#)
[Cellular Biology & Anatomy](#)
[Emergency Medicine](#)
[Family Medicine](#)
[Medicine](#)
[Neurology](#)
[Neurosurgery](#)
[Obstetrics & Gynecology](#)
[Ophthalmology](#)
[Orthopaedic Surgery](#)
[Otolaryngology](#)
[Pathology](#)
[Pediatrics](#)
[Pharmacology & Toxicology](#)
[Physiology](#)
[Psychiatry & Health Behavior](#)
[Radiology](#)
[Surgery](#)

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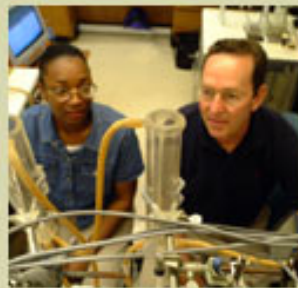
[Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Kenda Rindt, krindt@mcg.edu.

April 21, 2004

School of Graduate Studies

[A-Z Index](#) | [MCG Home](#)



[Faculty & Staff](#)
[General Information](#)
[Institutional Faculty List](#)
[Faculty Governance](#)

[Student News Release](#)
[Speakers Bureau](#)

[Frequently Asked Questions](#)

Graduate Degree Program Application:

[Procedures](#)
[Deadlines](#)

[Doctoral Programs](#)
[Masters Programs](#)
[Research @ MCG](#)
[Research Seminars](#)

[STAR Programs](#)
(Biomedical Research Opportunities for Undergraduate Students)

[GRD](#) (Graduate Research Day)

The Medical College of Georgia can be the spring board to the career of your dreams in ...

[Biomedical Sciences](#) | [Nursing](#) | [Allied Health Sciences](#)

[Graduate Research Day](#) | [STAR Program](#)
[*2004 Awards Winners*](#)

[Graduate Program Fact Sheets \(PDF Forms\)](#)
[Courses/Curricula](#)

It's hard to imagine a field more dynamic, challenging, lucrative and fulfilling than health care. What could be more exciting than...

- distilling a complex disease to its most basic, cellular level-then developing a drug to conquer it
- implementing state-of-the-art treatments and techniques to cure illness and maximize wellness
- using cutting-edge technology and equipment to research, diagnose and treat disease
- drawing on your expertise, experience and enthusiasm to train the next generation of health professionals
- making your mark on the overall health care environment

These are just a few of the opportunities available to those who earn graduate degrees in the health sciences. Health initiatives are unfolding at an unprecedented rate, opening doors to treatments, cures and advances previously only dreamed about. Projections for ideal career opportunities in the new millennium consistently place health care near the top of the list, and the Medical College of Georgia offers a second-to-none graduate education. We think you'll

[Student Information](#)

[Graduate Oath](#)

[GSO](#) (Graduate Student Organization)

[Courses/Curricula](#)

[Alumni Association](#)

[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)

[Master Guide Booklet \(PDF\)](#)

[Doctor of Philosophy](#)

[Degree Programs](#)

[PhD Guide Booklet \(PDF\)](#)

[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)

[Augusta Community](#)

find that the Medical College of Georgia can be the springboard to the career of your dreams.



The Medical College of Georgia School of Graduate Studies is one of the most prestigious and historic health sciences centers in the Southeast and the country. Since 1951, we have provided outstanding training and education for students enrolled in programs leading to the Doctor of Philosophy, combined Doctor of Medicine/Doctor of Philosophy, Master of Science, Master of Health Education, Master of Physical Therapy, Master of Science in Nursing and Master of Nursing degrees.

The School of Graduate Studies' approximately 190 faculty members are selected based on experience in research and education. They are drawn from the faculties of MCG's Schools of Allied Health Sciences, Dentistry, Medicine and Nursing. Class sizes are small, and our faculty excels in cultivating supportive, collegial relationships with students.

The graduate student body is drawn from accredited institutions in the United States and recognized foreign institutions. Their studies in the School of Graduate Studies involve programs encompassing the biomedical sciences, nursing and the allied health professions.

[Biomedical Sciences](#)

A Ph.D. in the biomedical sciences qualifies students for careers as independent researchers. Potential careers include professor or staff scientist at a university, research institute or private company. Ph.D. graduates also can teach at the college level. Annual salaries for Ph.D. graduates range from about \$25,000 to \$41,000 for postdoctoral fellows, depending on experience, and from \$50,000-80,000 or more for college-level faculty and researchers.



Successful applicants to the Biomedical Sciences graduate program will be admitted via a [common admissions](#) process. During the first year of graduate study, they will take core courses and perform several laboratory rotations. They then may choose a research

mentor from graduate faculty holding appointments in: [Biochemistry and Molecular Biology](#), [Cellular Biology and Anatomy](#), [Molecular Medicine](#), [Pharmacology and Toxicology](#), [Physiology](#) and [Vascular Biology](#). Applicants to the Ph.D. and M.S. programs in [Oral Biology](#) are admitted via a separate process.

Qualified Ph.D. applicants are eligible for stipend support of \$19,000.00 per year. To receive consideration for admission and stipend support, completed applications must be received in the Office of Academic Admissions by January 15. Applications received after January 15 will be considered on a space available basis.

To receive a free informational CD-ROM and/or video highlighting our biomedical sciences graduate programs and research at MCG, please e-mail Bridget Gaines at bgaines@mail.mcg.edu.

[Nursing](#)

A master's degree or Ph.D. in nursing enables a career in fields such as [Adult Nursing](#), [Community Nursing](#), [Nurse Practitioner](#) and [Nursing Anesthesia](#). Graduates may assume leadership roles in clinical settings including the hospital, home and community. They also may pursue an academic career, educating the next generation of nurses and researching health-related innovations. Nurses trained at this level contribute to the development and application of knowledge in the field.

Nursing -- particularly at this level of training -- has evolved into a highly competitive, autonomous and prestigious field.

[Allied Health Sciences](#)

Two master's degree programs, Master of Health Education and Master of Science, are available to allied health professionals which offer opportunities for expanded careers in education, research and practice. A master's degree in an allied health sciences enables expanded careers in fields such as [Dental Hygiene](#), [Health Information Management](#), [Medical Illustration](#), [Medicine Technology](#), [Occupational Therapy](#), [Physician Assistant](#), [Radiologic Sciences](#) and [Respiratory Therapy](#).

The master's degree programs in the Department of [Physical Therapy \(MPT\)](#) is now part of the School of Allied Health Sciences. For further information regarding the MPT program please contact:

Douglas Keskula, PhD, PT, ATC
Associate Professor and Chairman
Department of Physical Therapy, CH-100
Medical College of Georgia
Augusta, GA 30912-0800
Phone:(706)721-2141 Fax:(706)721-3209
dkeskula@mail.mcg.edu.

[Applications for Admissions to Graduate Degree Programs](#)

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[Top of Page](#)

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Please email comments, suggestions or questions to:
Gretchen Caughman, gcaughma@mail.mcg.edu

**While we make every effort to keep the information on this page accurate and up to date, please remember that the MCG Catalog and our published policies and procedures are the authoritative sources of information about MCG programs and policies.*

May 10, 2004

[History](#)

[Outcomes](#)

[Educational Priorities](#)

[Policies & Procedures](#)

[SAHS Research](#)

New !!

Georgia
Rural Health
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Directory

Groundbreaking Day for Health Sciences Building April 23, 2004



Dr. Shelley C. Mishoe, Dean of the School of Allied Health Sciences with:

Mrs. Helen Bard, wife of the late Dr. Raymond C. Bard, founding Dean, School of Allied Health Sciences, 1968-1988 (center),

Dr. Biagio J. Vericella, Dean Emeritus and Dean from 1988-2001 (top),

and Dr. Carol A. Campbell, Assoc. Dean for Business Operations

Contact Information:

Dana C. Blackwelder
Administrative Manager
Medical College of Georgia
Room AA2028
Augusta, Georgia 30912-0100
Phone:(706)721-2621
Fax:(706)721-7312
email: dblackwe@mcg.edu

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[2004 Faculty Assembly Awards](#)

[Academic Administration](#)

[Current Faculty List](#)

[SAHS Committees](#)

[Faculty Job Opportunities](#)

Undergraduate Programs

[Dental Hygiene](#)

[Health Info Mgmt](#)

[Medical Technology](#)

[Physician Assistant](#)

[Radiologic Sciences](#)

[Respiratory Therapy](#)

Graduate Programs

[Medical Illustration](#)

[Occupational Therapy](#)

[Physical Therapy](#)

[Advanced MHE and MS Degrees](#)

[MHE Graduate Course Schedule](#)

Other Information

[Catalog](#)

[SAHS Alumni Association](#)

[RadScope](#)

[MCG Events Calendar](#)

[Leave Request](#)

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[Prospective
Students](#)

[Campuses](#)

[Current Students](#)

[Programs](#)

[Continuing
Education](#)

[Faculty and
Prospective
Faculty](#)

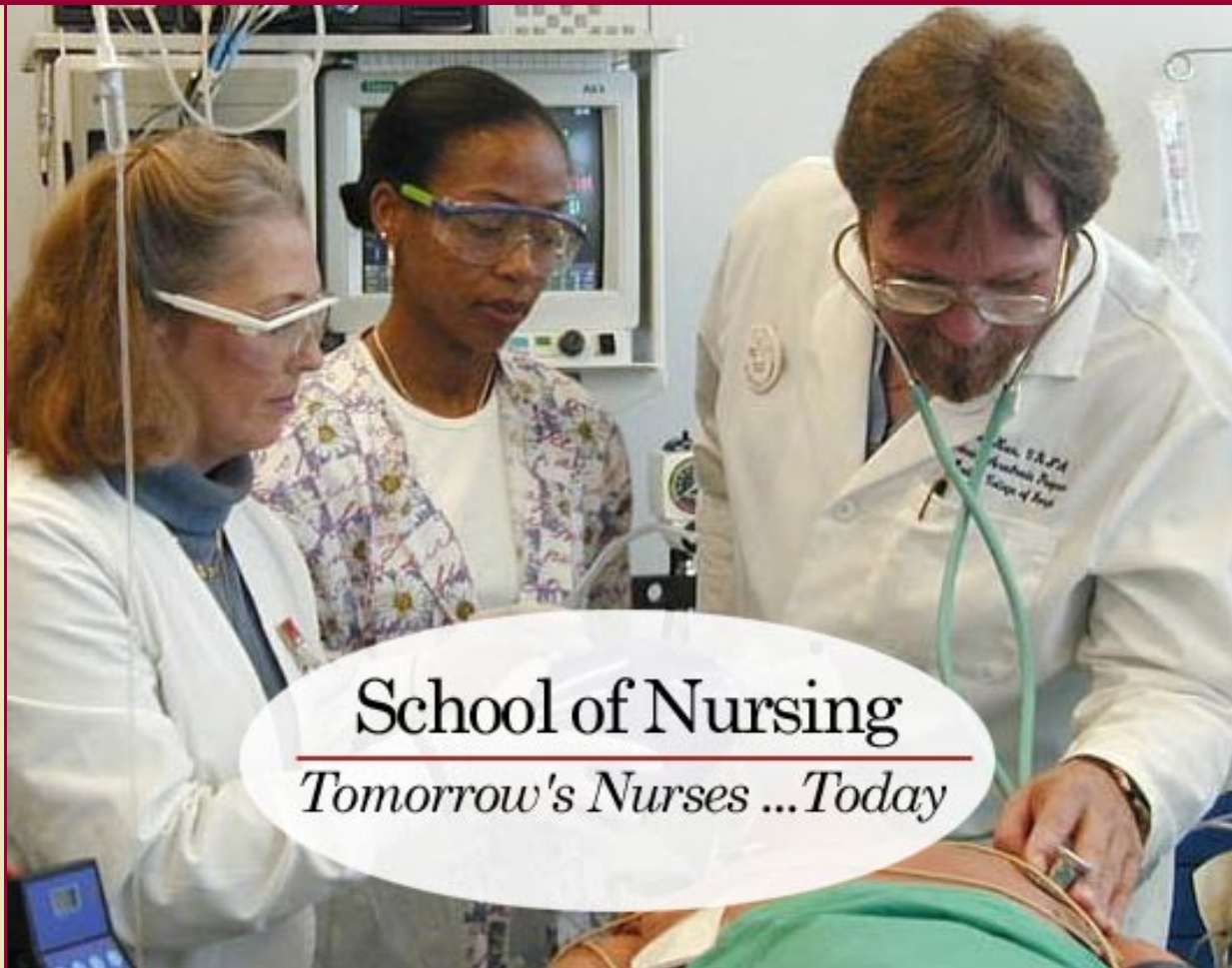
[Resources](#)

[Ongoing Initiatives](#)

[Spotlight](#)

[Events Calendar](#)

[Consumer
Information](#)



Medical College of Georgia

Please email comments or suggestions:

Tony Wright, towright@mcg.edu

For Information about:

Undergraduate BSN Programs contact underadm@mcg.edu:

Graduate Programs contact specific program coordinators

February 11, 2004

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Student Withdrawal Policy

1. For purposes of this policy, any termination of a student's enrollment other than graduation will be considered a withdrawal from the institution in keeping with federal Title IV guidelines. Short-term leaves of absence granted by school officials that do not prevent the student from completing the academic term are not considered withdrawals.
2. Types of withdrawals:
 - a) Voluntary withdrawal from the institution by a student will be considered a student initiated withdrawal.
 - b) Any withdrawal initiated by the institution will be considered an administrative withdrawal.
3. A student may initiate their own withdrawal by providing official notice to the designated office in their school. The designated offices for each school are: Allied Health Sciences – Dean or Associate Dean; Dentistry – Associate Dean for Admissions, Student Affairs & Alumni; Graduate Studies – Associate Dean; Medicine – Associate Dean for Admissions and Student Affairs; Nursing – Vice Dean. Graduate nursing students should provide official notice to the Vice Dean in the School of Nursing. Faculty and staff in all other areas must refer any student who expresses an unequivocal intent to withdraw to the designated office in their school. While students may be encouraged to discuss their withdrawal with faculty and others, the only step a student must take to initiate a withdrawal is to provide official notice to the designated office within their school.
4. The authority to withdraw a student for disciplinary, academic, or other appropriate reasons rests with the dean of the school in which the student is enrolled. The dean may delegate this authority to one or more individuals within the school. Any withdrawal initiated by the dean or her or his designee shall be considered an administrative withdrawal. Students who are withdrawn as the result of disciplinary, academic, or other reasons may appeal the withdrawal. During the appeal process, students may or may not be allowed to attend courses at the discretion of the dean or his or her designee. In the case of an appeal, the student's withdrawal date will be the last date of participation in academic activities.
5. The authority to withdraw a student for failure to comply with selected administrative policies and procedures rests with the Registrar. The Registrar may administratively withdraw a student for failure to pay tuition and fees, failure to meet the conditions of a provisional acceptance, failure to meet institutional requirements for immunizations, or failure to comply with other administrative requirements for admission or continued enrollment. Any withdrawal initiated by the Registrar shall be considered an administrative withdrawal. Students who are withdrawn by the Registrar may only be re-admitted when they provide documentation that they have complied with the administrative policy in question. Students may be readmitted by the Registrar as soon as the student demonstrates compliance with the policy or regulation in question.
6. When any faculty or staff member determines that a student has withdrawn without giving official notice, they should notify the designated office (see item #3, above) in the student's school within two business days. In all cases, faculty and staff must identify any student who has withdrawn without notice no later than thirty days after (1) the end of the student's enrollment period; (2) the end of the student's academic year; or, (3) the end of the student's educational program; whichever comes first. The school's designated office must then provide a completed Withdrawal Form to the Office of the Registrar within two business days of the date they received notice that a student has withdrawn without giving official notice.

7. All withdrawing students must complete the checkout steps required by the Office of the Registrar or other MCG offices.
8. Students who wish to rescind their official notice of withdrawal may do so only with the permission of the appropriate school official (see item #3, above). The designated school official will provide written notice to the Office of the Registrar to reinstate the student as soon as possible, but within two business days, and the Registrar will notify all other appropriate campus offices.
9. A completed Withdrawal Form must be submitted to the Office of the Registrar for any student withdrawal including administrative withdrawals for academic, disciplinary, or other appropriate reasons. For administrative withdrawals, the Withdrawal Form must be submitted to the Registrar within two business days of the time the student ceases participation in the academic activities of the institution.
10. Withdrawn students are not eligible to participate in educational or co-curricular activities of the institution and are not eligible to use services including but not limited to Student Health, Student Housing, the Wellness Center, or campus parking.
11. There is no institution-wide leave of absence policy. Individual schools may develop and implement leave of absence policies that meet the educational needs of students and the demands of the curriculum. Any student granted a leave of absence by a school must also withdraw from the Medical College of Georgia in order to comply with Title IV guidelines. Students who withdraw from the Medical College of Georgia without being granted a leave of absence are not eligible for readmission to the degree program from which they withdrew. Students who withdraw without being granted a leave of absence may apply for admission by submitting the appropriate application for admission as a first time student and following standard admissions procedures. Exceptions to this requirement may be made by the dean of the school in which the student was enrolled. No withdrawn student will be allowed to re-enroll in the program from which he or she withdrew unless the dean or his or her designee provides written permission for the student to re-enroll.
12. The Medical College of Georgia will comply with all stipulations and requirements for the awarding of Title IV student financial aid funds to students at MCG. Upon the withdrawal of a student, MCG practices and procedures for the return of Title IV funds will be initiated in order to insure complete and total compliance with federal regulations. In the event that a student is a recipient of Title IV funds and an unearned portion of those Title IV funds must be returned to a lender or other entity upon the student's withdrawal, all offices involved in the withdrawal, the evaluation of the student's Title IV status, and the return of Title IV funds will take timely and immediate actions to ensure institutional compliance with federal regulations. The authority to determine a student's withdrawal date, and the date of the institution's determination that the student withdrew, rests with the Office of the Registrar.
13. With the approval of the appropriate school or departmental officials, students may drop individual courses. Students may not, however, drop all of their courses. Any student who wishes to drop all of his or her courses must withdraw from the institution.

Medical College of Georgia

Office of Academic Admissions

[A-Z Index](#) | [MCG Home](#)
[Admissions](#) [Financial Aid](#) [Registrar](#) [Tuition/Fees](#) [Student Affairs](#) [Student Health](#) [Housing](#)

Academic Choices

[Majors](#)
[Transfer Credit Policy](#)

Admission Requirements

[Undergraduate Transfer](#)

(By Program)

[Dental Hygiene](#)
[Health Information Admin](#)
[Medical Technology](#)
[Nursing](#)
[Physician Assistant](#)
[Radiologic Sciences](#)
[Respiratory Therapy](#)
[International](#)
[Graduate](#)

Doctoral degrees:

[Biomedical Science \(Ph.D.\)](#)
[M.D./Ph.D.](#)
[Nursing \(Ph.D.\)](#)
[Oral Biology \(Ph.D.\)](#)

Master's Degrees:

[Adult/Critical Care C.N.S \(M.S.\)](#)
[Allied Health \(M.H.E.\)](#)
[Allied Health \(M.S.\)](#)
[Biostatistics \(M.S.\)](#)
[Family Nurse Practitioner \(M.N.\)](#)
[Medical Illustration \(M.S.\)](#)
[Nursing \(R.N. to M.N/M.S.N\)](#)
[Nursing Anesthesia \(M.N.\)](#)
[Occupational Therapy \(M.H.S\)](#)
[Oral Biology \(M.S.\)](#)
[Pediatric Nurse Practitioner \(M.N.\)](#)
[Physical Therapy \(M.P.T\)](#)
[Technical Standards](#) (By Program)

[Dental Hygiene](#)
[Dentistry](#)


Welcome to the Medical College of Georgia, Georgia's health sciences university, where caring comes first.

The Office of Academic Admissions is responsible for recruitment, admissions operations, and orientation for the MCG Schools of Allied Health Sciences, Graduate Studies, and Nursing. Our staff members:

- Provide admissions counseling
- Evaluate applicant files prior to departmental admissions committee review
- Perform unofficial transcript evaluations, by fax or e-mail
- Recruit students across Georgia and in selected other states
- Make arrangements for visits to our campus by high school and college groups
- Provide information and applications for admission to undergraduate or graduate programs
- Coordinate MCG's popular Closer Look Tour program
- Publish e-newsletters for college advisors and high school counselors
- Conduct orientation activities for new undergraduate students

Office of Academic Admissions Staff

[Diagnostic Medical Sonography](#)
[Health Information Administration](#)
[Medical Dosimetry](#)
[Medical Illustration](#)
[Medical Technology](#)
[Medicine](#)
[Nuclear Medicine Technology](#)
[Nursing](#)
[Occupational Therapy](#)
[Physical Therapy](#)
[Physician Assistant](#)
[Radiation Therapy](#)
[Respiratory Therapy](#)

[Frequently Asked Questions](#)

Professional

[Dentistry](#)
[Medicine](#)

Admission Applications

[Undergraduate Transfer](#)

[Graduate](#) | [Dentistry](#) | [Medicine](#)

Closer Look

[Augusta Map & Driving Directions](#)

[Campus Map](#)

[Orientation for New Students](#)

[Visiting MCG](#)

[Virtual Campus Tour](#)

[Recruiting in Your Area](#)

Related Links

[Catalog](#) and [Academic Calendars](#)

[Tuition and Fees](#)

[General MCG Info](#)

[Student Diversity](#)

[Summer Enrichment Programs](#)

[Augusta, GA](#) and [Community Links](#)

[Crime Statistics](#)

[Carol S. Nobles](#)

Director of Student Recruitment and Admissions

Admissions Counseling:

[Denise Coleman](#), Assistant Director

[Jennifer Johnston](#), Assistant Director

[Thashundray Robertson](#), Assistant Director

Application Processing/Administrative:

[Jacqueline Alvarez](#), Student Services Specialist

[Felicia Brown](#), Administrative Coordinator

[Adrienne Floyd](#), Student Services Specialist

[Sandra Gleason](#), Administrative Specialist 3

[Matarsha Kendrick](#), Administrative Specialist 3

[Jeannie Sanders](#), Student Services Specialist

Contact Information

[Request Additional Undergraduate Information](#)

[Request Additional Graduate Information](#)

Office of Academic Admissions

Medical College of Georgia

1120 15th Street, AA-170

Augusta, GA 30912-7310

Phone 706-721-2725

Toll-Free 1-800-519-3388

Fax 706-721-7279

Office Hours 8-5, M-F

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[Students](#) | [Prospective Students](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Robert Cross, underadm@mcg.edu.

April 13, 2004

Medical College of Georgia

Information For Prospective Students

[A-Z Index](#) | [MCG Home](#) | [Site Search](#)

[Admissions](#) | [Financial Aid](#) | [Registrar](#) | [Tuition/Fees](#) | [Student Affairs](#) | [Student Health](#) | [Housing](#)



Featured Health Profession..

[Dental Hygiene](#)

Current News ...

[New Student Loan Interest Rates](#)

[School of Nursing](#)

[Alternate List for Undergraduate Transfer Program \(2+2\) FAQ](#)

News and Publications

[MCG Beeper](#)
[MCG Crime Statistics](#)
[MCG Today Magazine](#)
[MCG Tomorrow Magazine](#)
[News Releases](#)

Career Opportunities in Health Science

Links to career information, admission requirements and application materials:

[Biomedical Sciences](#)

[Dental Hygiene](#)

[Dentistry](#)

[Health Information Administration](#)

[Medical Illustration](#)

[Medical Technology](#)

[Medicine](#)

[Nursing](#)

[Occupational Therapy](#)

[Physical Therapy](#)

[Physician Assistant](#)

[Radiologic Sciences](#) (Diagnostic Medical Sonography, Medical Dosimetry, Nuclear Medicine Technology and Radiation Therapy)

[Respiratory Therapy](#)

Visiting the Campus

[Sign Up for a Campus Visit](#)

[Augusta Map and Driving Directions](#)

[Campus Map](#)

[Virtual Campus Tour](#)

[City of Augusta, Georgia](#)

[Augusta Community Links](#)

Additional MCG Links

[Bookstore](#)

[Career Services](#)

[MCG Catalog](#)

[Child Care Center](#)

[Counseling \(Academic and Personal\)](#)

[MCG Express Card](#)

[Electronic Curriculum](#)
[International Students and Scholars](#)
[Library](#)
[Multicultural Affairs and Summer Programs](#)
[Student Diversity](#)
[Student Government Association](#)
[Student Organizations](#)
[Wellness Center](#)

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Medical College of Georgia [Home Page](#); [About MCG](#), [Education](#), [Health Care](#), [Research](#)

Information For: [Students](#), [Prospective Students](#), [Faculty & Staff](#), [Alumni & Visitors](#)

Information About: [Schools & Programs](#), [Departments & Units](#), [Centers & Institutes](#), [Service & Outreach](#), [People & Places](#)

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[Graduate Studies Home Page](#)[International Application for Ph.D. in Biomedical Sciences](#)[Obtain an Application for Admission](#)[Contact an Admissions Counselor](#)

An Admissions Counselor will be glad to answer you questions via e-mail or to give you a call. Please include your complete telephone number in message.

Information Links[Biomedical Research Opportunities for Undergraduate Students \(STAR Programs\)](#)[GRD \(Graduate Research Day\)](#)[Multicultural Affairs and Summer Programs](#)**Additional Information Links**

- [MCG Catalog](#)

[Career Opportunities in Health Science](#)

Biomedical Sciences

Doctor of Philosophy (Ph.D.)

- [Biochemistry and Molecular Biology](#)
- [Cellular Biology and Anatomy](#)
- [Molecular Medicine](#)
- [Pharmacology](#)
- [Physiology](#)
- [Vascular Biology](#)

[Print Version](#) (2 page PDF file)

The Medical College of Georgia offers the Ph.D. degree in six biomedical science programs: Biochemistry and Molecular Biology, Cellular Biology and Anatomy, Molecular Medicine, Pharmacology, Physiology and Vascular Biology. First-year Ph.D. students are admitted via a common admissions process to Ph.D. programs in biomedical sciences at MCG. After completing first-year core coursework and laboratory rotations, they choose a research mentor and enter the Ph.D. program in which that faculty member has an appointment. In each program, Ph.D. candidates complete a Ph.D. dissertation based on original research.

The Ph.D. programs require approximately five years of full-time study. Qualified Ph.D. applicants are eligible for stipend support (currently \$19,000 per year). Students with stipend support are also eligible for reduced tuition and fees currently totaling approximately \$300 per semester. Annual salaries for Ph.D. scientists range from about \$30,000 for postdoctoral fellows to \$100,000 or more for senior professors and researchers.

To request a free video or CD describing the Ph.D. program, call (706) 721-3279 or e-mail bgaines@mcg.edu.

Biochemistry and Molecular Biology

This program provides research training in a wide range of disciplines. Areas of faculty research interests include molecular and biochemical genetics, gene regulation, signal transduction, membrane transport, structure/function of the macro-molecules, vision biochemistry, molecular microbiology and parasitology. For more information, call Dr. Darren Browning at (706) 721-9526, e-mail dbrowning@mcg.edu, or visit the Biochemistry and Molecular Biology Web site: www.mcg.edu/gradstudies/gbiochem.htm.

Cellular Biology and Anatomy

This program provides diverse training opportunities in developmental biology, cell biology and neuroscience. Students use state-of-the-art techniques to investigate

- [Multicultural Affairs and Summer Programs](#)

Visiting the Medical College of Georgia

- [Sign Up for a Visit to Campus](#)

- [Augusta Map/Driving Directions](#)

- [Campus Map/Virtual Campus Tour](#)

Information sheets are in

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To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



biomedical problems related to the heart, nervous system, thymus, cardiovascular and neural crest cell development, genetic regulation of development, neurodegenerative diseases, the cytoskeleton and regeneration, special senses, growth factors and cellular signal transduction mechanisms, nuclear structure/function and multi-drug resistance, gastroenterology and vascular biology. For more information, call Dr. Fu-Shin Yu at (706) 721-6144, e-mail fyu@mcg.edu, or visit our Web site:

www.mcg.edu/gradstudies/gcba.htm.

Molecular Medicine

This is a relatively new biomedical sciences graduate program that combines the resources of basic science and clinical medicine for an interdisciplinary approach to molecular medicine. Based in an interdisciplinary research institute rather than an academic department, the graduate program in the Institute of Molecular Medicine and Genetics includes more than 40 faculty drawn from clinical and basic science departments. Students design their own program of study in consultation with their faculty mentor and advisory committee. Research opportunities include neurobiology, molecular immunology, gene regulation, cell signaling, epithelial cell biology, cancer biology and genetics and developmental biology. For more information, call Dr. Wendy Bollag at (706) 721-0698, e-mail wbollag@mcg.edu, or visit our Web site:

www.mcg.edu/gradstudies/gmole.htm.

Pharmacology

Pharmacology is a wide-ranging discipline encompassing chemistry, molecular and cellular biology, physiology and behavior. Our faculty apply a wide array of techniques to questions relating to cardiovascular function and the nervous system. Faculty research interests include receptor-associated proteins, cell signaling via G protein-coupled receptors, protein kinases and ion channels and cognitive function in aged primates. Courses of study are designed to meet the needs of individual students. Our graduates are employed in academic research and in the pharmaceutical and biotechnology industries. For more information, call Dr. Richard White at (706) 721-7582, e-mail

rwhite@mcg.edu, or visit our Web site: www.mcg.edu/gradstudies/gpharmtox.htm.

Physiology

Physiology is the discipline responsible for integration of concepts and principles from all areas of medical science, with the goal to understand function at the cell and molecular, tissue, organ systems and whole animal levels. Our Ph.D. program adopts this ideal in training students for successful careers in physiology. The faculty have expertise in cardiovascular physiology and neurophysiology and collaborate extensively with faculty in other departments on campus. Students and faculty in our department also maintain a high national and international profile, with publications, awards, extramural funding and regular presentations at scientific meetings. For more information, contact Dr. Michael Brands at (706) 721-9785, e-mail mbrands@mcg.edu, or visit our Web site:

www.mcg.edu/gradstudies/gphyendo.htm.

Vascular Biology

The Vascular Biology Graduate Program is based in an interdisciplinary research center, the Vascular Biology Center, that includes seven core faculty members and more than 20 associate faculty members from many clinical and basic science departments on the MCG campus. Research projects pursued in the Vascular Biology Center encompass studies from the molecular and genetic level, to the regulation of cellular processes, to multi-cellular and organ system regulation, as well as to human studies. For more information about the Vascular Biology Graduate Program, contact Dr. Jennifer Pollock at (706) 721-8514, e-mail jpollock@mcg.edu, or visit our Web site:

www.mcg.edu/GradStudies/vascularbio.htm

Admission Requirements

- B.S., M.S. or M.D. degree (or equivalent)
- Graduate Record Examination (GRE) general test score
- Three letters of recommendation from individuals qualified to assess prior academic and research performance
- Official transcripts from each college or university attended
- For international applicants, an official transcript evaluation and TOEFL score of at least 550 paper-based or 213 computer-based
- Laboratory research experience is strongly encouraged

Successful Applicant Profile

Admission to the biomedical sciences Ph.D. program is highly competitive and the successful applicant must present a strong academic profile. While outstanding qualifications in one or more areas may outweigh weakness in another, the successful applicant should be expected to have:

- Minimum grade point average of 3.0 on a 4.0 scale. In 2002, the typical GPA for incoming students was 3.7.
- Minimum GRE score of 1000 (sum of verbal and quantitative). In 2002, the typical GRE score for incoming students was 1220.
- Laboratory research experience, the quality of which is documented in one or more of the letters of recommendation from a supervisor or mentor

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725
Toll free: 1-800-519-3388
Fax: (706) 721-7279
E-mail: gradadm@mcg.edu
Web site: www.mcg.edu/admissions

All questions and materials concerning the application process, the status of an application, and application materials should be directed to the Office of Academic Admissions, not to the individual Ph.D. programs.

To receive consideration for admission and stipend support, completed applications must be received in the Office of Academic Admissions by January 15. Applications received after January 15 will be considered on a space-available basis. International applicants to the program must submit a pre-application (found at www.mcg.edu/students/GradPgms/intapp.htm) by November 15.

For more information about health-related career opportunities, visit the Web site www.mcg.edu/admissions.

Information for Prospective Students

Medical College of Georgia

Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](#)

August 22, 2003

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- [MCG Catalog](#)
- [Multicultural Affairs and Summer Programs](#)

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- [Augusta Map/Driving Directions](#)
- [Campus Map/Virtual Campus Tour](#)

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[Career Opportunities in Health Science](#)

Dental Hygiene

[General Admission Requirements](#)

[Course Prerequisites](#)

[Obtain an Application for Admission](#)

[Contact an Admissions Counselor](#)

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Print Career Information:

- [Bachelor of Science](#)
- [Master of Health Education \(M.H.E.\)](#)
Education degree program for allied health and related health professionals.
- [Master of Science Degree Program \(M.S.\)](#)
Research degree program for allied health and related health professionals

[Dental Hygiene Home Page](#)

[Graduate Education Opportunities for Dental Hygiene](#)

[Information for Prospective Students](#)

[Medical College of Georgia](#)

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April 13, 2004

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

General Admission Criteria

Admission is based on the applicant's prior academic performance at the college level and on an assessment of the applicant's motivation and personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.3 (on a 4.0 scale) on previous college work is required for consideration.
3. Two letters of recommendation are required.
4. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

Application Procedures

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

Applications for admission are encouraged by July 1, but will continue to be processed until the class has been filled.

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Please email comments, suggestions or questions to:
Admissions, underadm@mcg.edu

June 27, 2002

[Information for Prospective Students](#)

[Biomedical Sciences](#)[Dental Hygiene](#)[Dentistry](#)[Health Information Administration](#)[Medical Illustration](#)[Medical Technology](#)[Medicine](#)[Nursing](#)[Occupational Therapy](#)[Physical Therapy](#)[Physician Assistant](#)[Radiologic Sciences](#)[Respiratory Therapy](#)

Additional Information Links

[Multicultural Affairs and Summer Programs](#)[MCG Catalog](#)[Housing](#)[Student Financial Aid](#)

Core Curriculum Dental Hygiene

Courses to Take the First Two Years

The courses required to graduate from MCG comprise a core curriculum divided into six categories (Areas A-F). The options for completing these prerequisites for transfer to MCG are listed below.

A. Essential Skills	9 semester hours
<ul style="list-style-type: none"> English Composition I (3 hours) English Composition II-Literature based (3 hours) College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours) 	
B. Institutional Options**	4 - 5 semester hours
<ul style="list-style-type: none"> Introduction to Computers Critical Thinking Creative Writing Ethics Health and Wellness Statistics Economics Speech Any approved guided elective from Area F 	
C. Humanities and Fine Arts**	6 semester hours
<ul style="list-style-type: none"> Ethics Fine and Applied Arts Foreign Language Speech, Oral Communications World Literature Philosophy Drama, Art or Music Appreciation Logic Electives in Humanities and Fine Arts 	
D. Science, Mathematics and Technology	10 - 11 semester hours

One four-hour laboratory science course (chemistry is required), one three-hour non-laboratory science course and an additional three-hour course in science, mathematics or technology **or** two four-hour laboratory science courses (one chemistry course is required) and an additional three-hour course in science, mathematics or technology.

E. Social Sciences**	12 semester hours
<ul style="list-style-type: none"> ● United States History ● United States Government ● Psychology ● Sociology ● Anthropology ● Group Process ● Human Development ● Social Problems ● Racial and Ethnic Minority Groups 	
F. Courses Appropriate to the Major	18 semester hours
Speech*	3 hours*
Anatomy and Physiology I and II w/labs (recommended) or other advanced sciences related to health professions	8 hours
Psychology*	3 hours*
Sociology*	3 hours*
Guided approved electives: Statistics, Educational Psychology, Child Psychology, Health Psychology, Consumer Behavior, Economics, Computer Science, Social Problems, Sociology of Aging, Gerontology, Racial and Ethnic Minority Groups, Methods in Social Research, Abnormal Psychology	1-10 hours
<p>* If this is taken in another area of the core, the hours would be taken in additional guided electives.</p> <p>** If a student planning to transfer to MCG from another school in the University System of Georgia has completed this area with courses taken there or at another institution from which MCG accepts transfer credit, MCG will accept the area as satisfied. A student planning to transfer from a school not in the University System of Georgia should choose from the list of courses.</p>	

Information for Prospective Students

Medical College of Georgia

Please email comments, suggestions or questions to:

[Academic Admissions](#)

October 21, 2003

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To Apply for Admission to Undergraduate Programs

[Print Application for Admission to Undergraduate Programs](#) *or*

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Call us at (706) 721-2725 *or*

Write to us at the following address:

Office of Academic Admissions
AA-170 - Kelly Administration Building
Medical College of Georgia
Augusta, GA 30912-7300

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Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](#)

February 02, 2004

Application for Admission to Undergraduate Programs


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Application PDF files:

Parts I-V and Reference Forms

[Application for Admission to Undergraduate Programs at MCG](#)

Other Forms:

- [Admissions Reference Form for Undergraduate Programs at MCG](#)
- [Transcript Request Form](#)

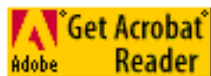
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February 02, 2004

[General Admission Requirements](#)

[Courses to Take the First Two Years](#)

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An Admissions Counselor will be glad to answer your questions via e-mail or to give you a call. Please include your complete telephone number in message.

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[Career Opportunities in Health Science](#)

Dental Hygiene

Bachelor of Science

[Print Version](#) (4 page PDF file)

Professional Tasks and Working Environment

Dental hygienists help people develop and maintain good oral health using current concepts in preventive dentistry. The program teaches counseling skills and how to perform the usual functions of the dental hygienist. The dental hygienist is a vital contributing member of the dental health team.

Dental hygienists:

- take and record dental and medical histories
- perform oral examinations
- assess dental hygiene treatment needs
- scale and polish teeth
- apply topical fluoride
- prepare diagnostic casts
- perform root debridement
- expose and process dental X-rays
- place temporary restorations
- polish amalgam restorations
- apply sealants
- implement patient education programs

Skills and Interests Suited to a Career in Dental Hygiene

Dental hygienists should be caring people who enjoy being with others, have good communication skills, have some ability to teach and enjoy working with their hands.

Related career fields include nursing, medical technology, radiologic technologies, occupational therapy and dental laboratory technology.

Employment and Career Opportunities

After successfully completing the National and State Board Dental Hygiene examinations, the dental hygienist is licensed to practice under the supervision of a licensed dentist in various settings. Employment opportunities include private dental practice, public health (governmental agencies, health agencies or special institutions), public school programs, industry and dental hygiene education. Unlike many other professions, dental hygiene offers opportunity for full-time or part-time employment.

Salary Information

The expected beginning salary range for MCG graduates in clinical practice is \$2,080 to \$3,700 per month.

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



Programs Offered at MCG

The bachelor of science program is a "2+2," meaning the student completes the first two years at any accredited college or university of choice, and the last two years on the MCG campus. All students begin the MCG program fall semester of their junior year. The program includes classroom, laboratory and clinical education.

A baccalaureate program for practicing dental hygienists who are graduates of an accredited dental hygiene program is also offered. Prospective candidates may write the department chair for further information.

The master of health education degree and the master of science degree in dental hygiene are offered through the MCG School of Graduate Studies. Contact the Office of Academic Admissions or visit www.mcg.edu/admissions for additional information.

General Admission Criteria

Admission is based on college grade point average, references and assessment of the applicant's motivation and personal qualities needed to successfully complete the program. A 2.3 overall GPA on a 4.0 scale is required for consideration. References should be from individuals who can evaluate your academic performance.

Applicants whose first language is not English must submit official TOEFL scores. A score of at least 550 and TSE-P of 50 is required for admissions consideration.

Current certification in Basic Life Support for Healthcare Providers and first aid is required prior to enrollment. Computer literacy is also expected.

Applicants are encouraged to visit the campus.

Financial Aid and Scholarships

Financial aid and other assistance is available. MCG participates in all federal student aid programs as well as state and private programs. MCG helps students fund their education through grants or scholarships, loans, a service commitment program and/or employment.

Academic Common Market

The MCG Department of Dental Hygiene participates in the Academic Common Market. Students from South Carolina may petition their home state to learn whether they qualify for in-state tuition at MCG.

Accreditation

Commission on Dental Accreditation of the American Dental Association
211 East Chicago Ave.
Chicago, Illinois 60611
(312) 440-2500

When and How to Apply

This is a transfer program that requires applicants to attend another accredited college or university of their choice to complete the required core curriculum courses (see the Courses to Take the First Two Years section). During their sophomore year, students can apply for transfer admission to MCG. Accepted applicants will transfer fall semester to begin the junior year. Although the G.P.A. of most applicants will likely be higher, transfer consideration requires at least a 2.3 college GPA.

Applications for this program should be received by July 1, but will be accepted until the

class has been filled. Earlier application is encouraged.

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725
1-800-519-3388
E-mail: underadm@mcg.edu
Web site: www.mcg.edu/admissions

Infectious Disease Policy

The MCG School of Dentistry encourages applicants who believe they are at risk for serious infectious disease (HIV, hepatitis B, tuberculosis, etc.) to seek appropriate testing and counseling before applying for admission.

All admitted students must comply with MCG immunization policies and School of Dentistry clinic infection control protocols. MCG policy requires any student who knows or has reason to believe that he has a serious infectious disease to report this information immediately to the dean of the School of Allied Health Sciences and Hospital Epidemiology. Failure to comply with this policy may result in disciplinary action, up to and including dismissal.

Current professional guidelines recommend that HIV-infected individuals not perform invasive procedures. Most dental hygiene procedures are invasive and students must perform these procedures on patients to complete clinical course requirements. Therefore, HIV-infected individuals may not be able to complete clinical course requirements for the dental hygiene degree and may want to reconsider their career goals.

Students are required to complete the hepatitis B vaccine series.

Frequently Asked Questions

Prospective students come from a wide variety of backgrounds and with a wide variety of questions. This list cannot begin to answer all your questions, but here are some frequently asked ones.

What is the admissions process?

All interested students must submit their application to the MCG Academic Admissions Office. The application is then processed and sent to the Department of Dental Hygiene. Each application is reviewed by an Admissions Committee made up of dental hygiene and School of Dentistry faculty members. If any portion of an application is not complete, you may be contacted for the missing information.

Final admission decisions are based on grade point averages (overall and math/science), letters of recommendation, other language test scores as appropriate and an assessment of the motivation and personal qualities of the applicant deemed most conducive to successfully completing the

program. Following review, the Academic Admissions Office will notify you, via mail, of the final decision of the Admissions Committee.

What is the application date?

It is a good idea to apply early so time is allowed for processing all the information as well as for advisement regarding your prerequisites. We suggest that you start the application process in the spring for the following academic year. The deadline to submit your application and all required materials is July 1.

What counts in admission?

The Admissions Committee uses a weighted formula based on the success of prior applicants. The formula weighs cumulative grade point average and math/science grade point average. Also considered are veteran status, quality of references, autobiographical section content and writing ability (see application form). References who can rate your work skills or prior academic performance are recommended. Also, the Admissions Committee is interested in your reasons for entering the dental hygiene field and in your ability to express the motivation behind your decision. The committee does not require personal interviews. However, a visit to the campus is encouraged before matriculation.

Will dental-assisting experience increase my chances for acceptance?

Dental-assisting experience is not required prior to admission. However, dental-assisting certification is noted by the Admissions Committee.

How do I establish Georgia residency?

Contact the Office of Academic Admissions, which determines residency status based on questions you answered on the application. The office may contact you for additional information.

What kind of grade point average do I need?

The cumulative GPA of all college work must be at least 2.3 on a 4.0 scale. The average GPA of previous classes has been well above the minimum.

Because you will be compared with other applicants, it is impossible to tell at the outset how high your grades have to be. Much depends on the quality of the other applicants' work compared to yours. It is possible to have high grades and not be accepted because of other factors the committee considers important. References and your autobiography will provide information that will be considered in the admissions decision.

I had to retake some of my science courses because I got Ds the first time. Will this hurt my chances?

It will be a disadvantage, although it will not eliminate you from consideration. We include all college courses in your overall G.P.A. and all

math/science courses in your math/science G.P.A. (For instance, a D in a three-hour course the first time that you took it and a B in the course the second time you took it averages six hours of C).

I didn't know what I wanted to do when I went to school 10 years ago and got poor grades. After working for five years, I now know that I want to be in dental hygiene. I've gotten good grades since returning to school. Can you "forgive" my old grades?

You can request consideration as a non-traditional student if you have been out of school for more than two years. If the committee agrees, we can compute your grade point average based on all prerequisite courses taken the first time you were in school and all courses taken since you returned to school. We can also give special consideration to an applicant who had a "bad" semester due to circumstances beyond his control. For example, an applicant may be an honor student, but received Fs for one semester since he withdrew after the deadline due to hospitalization following an accident.

It's been more than 10 years since I took some of my science courses. Will I have to retake them?

Yes, the required sciences courses should have been taken in the past few years so that you have current science course information. Applying early will allow us to evaluate your courses in time for you to take any additional courses needed to meet prerequisites.

Should I take more science courses than the minimum required?

Yes, additional science courses are recommended. A strong science background is needed to successfully complete the dental hygiene curriculum. For instance, general chemistry is excellent preparation for biochemistry, a course in the dental hygiene curriculum.

Must I complete all my prerequisites before I can apply?

No. We can consider your application before you have completed all prerequisites. There is a page in the application to indicate where and when you took or plan to take each prerequisite. Make sure the courses you need will be offered the semester you plan to take them. Applicants who have not completed all prerequisites may be offered provisional acceptance pending satisfactory completion of prerequisites prior to registration.

Can I work while attending your program?

Our programs are very demanding. Classes generally meet all day Monday through Friday with homework assignments that fill evening and weekend hours. We cannot prohibit you from working while in school, but most students find it extremely difficult. The Office of Financial Aid is very helpful in finding alternative funding sources.

Information for Prospective Students

Medical College of Georgia

Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](#)

August 05, 2003

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[Career Opportunities in Health Science](#)

Allied Health and Related Health Professionals Master of Health Education

Dental Hygiene, Diagnostic Medical Sonography, Health Information Administration, Medical Technology, Nuclear Medicine Technology, Occupational Therapy, Physical Therapy, Physician Assistant, Radiation Therapy, Respiratory Therapy

[Print Version](#) (1 page PDF file)

Master of Health Education

This is an education degree program for allied health and related health professionals. The program is interdisciplinary and prepares individuals for careers as academic or clinical educators and more highly skilled practitioners.

Program Objectives

The objectives are to prepare:

- Educators with mastery of advanced content, and a grounding in the philosophy, theory and methods of higher education;
- Teachers who demonstrate knowledge and understanding of the teaching-learning process, and skill with a variety of instructional methods;
- Designers and evaluators of alternative methods and materials for instruction; and
- Leaders who can help plan, design and deliver quality professional education in the academic and clinical environments.

Admission Requirements

- A completed application demonstrating at least a baccalaureate degree from an accredited program in the allied health or related health discipline and professional credentials (or eligibility for) in the field.
- Three letters of recommendation.
- Graduate Record Examination (GRE) general test scores. The most competitive applicants will typically have a score of at least 1000 (combined verbal and quantitative).
- The Test of English as a Foreign Language (TOEFL) is required of all international applicants (excluding English-speaking countries); minimum acceptable score is 550 paper-based or 213 computer-based.
- Additional discipline-specific requirements may be stipulated by the discipline department.

Note: Outstanding qualifications in one or more areas may outweigh weakness in another.

Graduation Requirements

Completion of a minimum of 36 semester hours with the following minimum

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



requirements:

- Education Core-13-15 semester hours
- Research Tools and Methods-4-6 semester hours
- Thesis Research-4 semester hours, or Project Research-3-4 semester hours
- Interdisciplinary/disciplinary Studies-11-16 semester hours

For more information, visit www.mcg.edu/GradStudies/alliedMHE.htm.

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
 170 Kelly Building-Administration
 Medical College of Georgia
 Augusta, Georgia 30912
 Telephone: (706) 721-2725 or Toll free: 1-800-519-3388
 Fax: (706) 721-7279
 E-mail: gradadm@mcg.edu
 Web site: www.mcg.edu/admissions

For more information about health-related career opportunities, visit www.mcg.edu/admissions.

Estimated Full-Time Academic Expenses

	<i>Tuition</i>	<i>Fees</i>	<i>Books/Supplies/Other</i>
Per semester	\$1,925*	293	800**

* Non-residents of Georgia pay an additional \$5,775 tuition per semester. Residents of Aiken and Edgefield counties in South Carolina and Russell and Lee counties in Alabama receive a waiver of non-resident tuition.

** Costs vary by major. Please check with your department for details.

(Costs are for 2003-2004. All tuition charges, board, room rent or other charges are subject to change at the end of any academic term.)

Estimated Living Expenses

	<i>On- or off-campus apartment</i>	<i>Commuter</i>
9 months	\$13,725	\$9,720
12 months	18,300	12,960

Frequently Asked Questions

What is the admissions deadline for this program?

The deadline for completed applications for fall semester is July 1. Some departments prefer a fall start; others may be more flexible. Generally, the deadline for completed applications is two months prior to the beginning of the semester. See www.mcg.edu/GradStudies/app.html for more specifics.

How long does it take to complete this degree program?

Depending on the specific academic discipline, the program may be completed in four semesters of full-time study or up to five years of part-time study.

How much of the program can be completed online?

Depending on the department, most of the program is available online, except for statistics. All education core courses are available online, although the teaching practicum has a live or videotaped component. Online courses generally require three on-campus meetings per semester.

Can I work full time while attending this program?

Yes, if you complete the program part time and have evening time available.

What type of financial support is available for this program?

MCG participates in all federal student aid programs as well as state and private programs. MCG helps students fund their education through grants or scholarships, loans, a service commitment program and/or employment. A limited number of assistantships may be available each year.

What factors should I consider if I'm trying to decide between this program and the M.S.?

If your primary objective is to become a researcher or pursue a doctoral degree, you should opt for a M.S. (or at least the thesis option of the M.H.E.). If you want to teach or do clinical training, the M.H.E. is more appropriate. The M.H.E. offers more flexibility for class times; the M.S. may offer more flexibility for content areas (fewer required hours and more elective options).

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Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](#)

August 19, 2003

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An Admissions Counselor will be glad to answer your questions via e-mail or to give you a call. Please include your complete telephone number in message.

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Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

[Career Opportunities in Health Science](#)

Allied Health and Related Health Professionals Master of Science

Dental Hygiene, Diagnostic Medical Sonography, Health Information Administration, Medical Technology, Nuclear Medicine Technology, Occupational Therapy, Physical Therapy, Physician Assistant, Radiation Therapy, Respiratory Therapy

[Print Version](#) (1 page PDF file)

Master of Science

This is a research degree program for allied health and related health professionals. The program is interdisciplinary, research-oriented and requires the completion of a thesis.

Program Objectives

The objectives are to prepare:

- Specialized clinical practitioners with advanced knowledge and skills in related basic and clinical sciences;
- Researchers who can formulate questions, organize and test ideas and examine information from the basic and clinical sciences to apply to their disciplines;
- Leaders who can help plan, develop and deliver cost-effective, quality health care services.

Admission Requirements

- A completed application demonstrating at least a baccalaureate degree from an accredited program in the allied health or related health discipline and professional credentials (or eligibility for) in the field.
- Three letters of recommendation.
- Graduate Record Examination (GRE) general test scores. The most competitive applicants will typically have a score of at least 1000 (combined verbal and quantitative).
- The Test of English as a Foreign Language (TOEFL) is required of all international applicants (excluding English-speaking countries); minimum acceptable score is 550 paper-based or 213 computer-based.
- Additional discipline-specific requirements may be stipulated by the discipline department.

Note: Outstanding qualifications in one or more areas may outweigh weakness in another.

Graduation Requirements

Completion of a minimum of 36 semester hours with the following minimum requirements:

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



- Basic Science Core-7 semester hours
- Research Tools and Methods-7 semester hours
- Thesis Research-4 semester hours
- Interdisciplinary/disciplinary Studies-18 semester hours

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
 170 Kelly Building-Administration
 Medical College of Georgia
 Augusta, Georgia 30912
 Telephone: (706) 721-2725
 Toll free: 1-800-519-3388
 Fax: (706) 721-7279
 E-mail: gradadm@mcg.edu
 Web site: www.mcg.edu/admissions

For more information about health-related career opportunities, visit www.mcg.edu/admissions.

Estimated Full-Time Academic Expenses

	<i>Tuition</i>	<i>Fees</i>	<i>Books/Supplies/Other</i>
Per semester	\$1,925*	293	800**

* Non-residents of Georgia pay an additional \$5,775 tuition per semester. Residents of Aiken and Edgefield counties in South Carolina and Russell and Lee counties in Alabama receive a waiver of non-resident tuition.

** Costs vary by major. Please check with your department for details.

(Costs are for 2003-2004. All tuition charges, board, room rent or other charges are subject to change at the end of any academic term.)

Estimated Living Expenses

	<i>On- or off-campus apartment</i>	<i>Commuter</i>
9 months	\$13,725	\$9,720
12 months	18,300	12,960

Frequently Asked Questions

What is the admissions deadline for this program?

The deadline for completed applications for fall semester is July 1. Some departments prefer a fall start; others may be more flexible. Generally, the deadline for completed applications is two months prior to the beginning of the semester. See www.mcg.edu/GradStudies/app.html for more

specifics.

How long does it take to complete this degree program?

Depending on the specific academic discipline, the program may be completed in four semesters of full-time study or up to five years of part-time study.

How much of the program can be completed online?

Depending on the department, some of the program is available online. Most of the core science courses are not online. Online courses generally require three on-campus meetings per semester.

Can I work full time while attending this program?

Yes, if you complete the program part time and have evening time available.

What type of financial support is available for this program?

MCG participates in all federal student aid programs, as well as state and private programs. MCG helps students fund their education through grants or scholarships, loans, a service commitment program and/or employment. A limited number of assistantships may be available each year.

What factors should I consider if I'm trying to decide between this program and the M.H.E.?

If your primary objective is to become a researcher or pursue a doctoral degree, you should opt for a M.S. (or at least the thesis option of the M.H.E.). If you want to teach or do clinical training, the M.H.E. is more appropriate. The M.H.E. offers more flexibility for class times; the M.S. may offer more flexibility for content areas (fewer required hours and more elective options).

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August 06, 2003

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Dentistry

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July 31, 2003

[Catalog 2003-2004](#)[Course Descriptions](#)**Additional Links:**[Research](#)[Library](#)[Faculty](#)

Transfer Credit Policy

The transfer credit policy is designed to govern the evaluation and acceptance of courses which are presented for transfer to the Medical College of Georgia by students applying to enter the institution's baccalaureate, professional and graduate degree programs. The policy derives from the authority of the Provost.

Transfer Credit Policy for Baccalaureate Degrees in the School of Allied Health Sciences and the School of Nursing

- A. Coursework transferred to undergraduate degree programs at the Medical College of Georgia must be collegiate level coursework which is relevant and applicable to the degree being sought at MCG.

Coursework must be collegiate in level and nature, having been taught beyond the level of secondary education and as part of an associate degree program or a bachelor's degree program. Courses which are remediation of deficiencies from secondary school or from lack of preparation of the student will not be accepted for transfer.

Coursework must represent appropriate preparation for the degree program being pursued at MCG. Coursework must be considered (1) equivalent to the courses which have been designated as MCG's core curriculum for baccalaureate degrees or (2) equivalent to courses taught at MCG. Courses beyond the freshman and sophomore core curriculum may be transferred only subject to the satisfaction of the dean of the school in which the applicant plans to enroll. Courses which are not applicable to the MCG degree will not be transferred.

Coursework which is more than ten years old is subject to validation to the satisfaction of the dean of the school in which the applicant plans to enroll.

- B. Coursework must have been earned at an institution whose academic integrity has been assured.

For institutions in the United States, such assurance is provided by the sending institution's accreditation by the Southern Association of Colleges and Schools, the Middle States Association of Colleges and Schools, the New England Association of Colleges and Schools, the North Central Association of Colleges and Schools, the Northwest Association of Schools and Colleges, or the Western Association of

Schools and Colleges.

For institutions outside the United States, such assurance is provided by an approved credential evaluation service to which applicants submit their educational credentials.

Coursework taken at U. S. institutions which are not regionally accredited may be evaluated for transferability subject to the satisfaction of the dean of the school in which the applicant plans to enroll. Evaluation will focus on the level of instruction and applicability to MCG degree.

Transfer Credit Policy for First Professional Degrees in the School of Medicine and the School of Dentistry

- A. School of Medicine. Students currently enrolled and in good standing only at other LCME accredited medical schools will be considered for transfer admission with advanced standing to the second and third year classes of the School of Medicine only when there are compelling reasons for the transfer and only on a space available basis. Courses taken at the student's first institution will be evaluated and transfer credit awarded on a course by course basis. Students accepted as advanced standing transfers under these circumstances may be required to study on an altered or modified curriculum and may be required to repeat certain courses taken at the student's first institution.
- B. School of Dentistry. The School of Dentistry usually does not accept advanced standing transfer students. However, in the event that a Georgia resident who has enrolled in a dental education program at another accredited U.S. institution cannot complete his or her dental education due to discontinuation of the program in which the student initially enrolled, the Dean of the MCG School of Dentistry may grant advanced standing admission to any such student provided the student (1) has met the admissions requirements for the School of Dentistry at the Medical College of Georgia and (2) is in good standing at the time the student's program was discontinued.

Courses taken at the student's first institution will be evaluated by the curriculum committee of the School of Dentistry and transfer credit will be awarded or denied on a course by course basis. Students accepted as advanced standing transfers under these circumstances may be required to study on an altered or modified curriculum and may be required to repeat certain courses taken at the student's first institution.

Transfer Credit Policy for Graduate Degrees in the School of Graduate Studies

- A. Courses submitted by a student for transfer are subject to review by the appropriate graduate program. The individual applying for the transfer credit is responsible for providing the necessary documentation for the

review. Course work transferred to a degree program in the School of Graduate Studies at MCG must be relevant and applicable for the degree being sought. A course may be accepted for transfer if: (1) the course content is equivalent to a course offered by the graduate program at MCG; (2) the course was taken by the student within five years prior to the date of his/her projected enrollment; (3) the student earned a grade of either "B" or higher or "pass"; and (4) the course is recommended for transfer by the program and approved by the dean.

- B. In certain cases, the transfer of credit may be awarded based, in part, on the student's performance on an examination prepared by the graduate program.
- C. Up to six semester hours of credit may be transferred toward a master's degree.
- D. In the case of a prospective student with a master's degree from another institution entering a Ph.D. program in the School of Graduate Studies, the candidate shall pass an examination on his/her major subject and thesis during the first semester of residence if credit for any pertinent portion of the master's course work is to be applied. A maximum of six semester hours is usually allowed in transfer from a master's degree. The transfer of any course work beyond the master's level is a matter for negotiation between the student, his/her advisory committee, his/her major department and the dean. In general, no more than a total of 20 semester hours may be transferred toward the Ph.D.

Effective Date

This policy is effective July 1, 1998.

Appeals

Appeals to the transfer credit policy may be made to the Provost or the Provost's designee.

[Catalog 2003-2004](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Admissions, underadm@mcg.edu

January 10, 2003

Medical College of Georgia

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Undergraduate Students

Undergraduate Transfer Admission Requirements

Critical Questions Determine Admissibility

In reviewing applications for undergraduate transfer admission, we consider these primary factors for all programs:

- GPA - What is the student's overall grade point average in academic coursework?
- Curriculum - Will the applicant complete the required core curriculum by the time of enrollment?
- References - What quality are the student's references?
- Autobiographical data - Does the applicant adequately express the motivation for this professional career choice?
- Deadlines - Is all material in by the published deadline?

For some undergraduate majors, the following factors may also be considered:

- Test scores - If required, is the student's SAT-I or ACT score competitive? If required, does the TOEFL (Test of English as a Foreign Language) score meet our minimum requirements?
- Residency - Is the applicant a legal resident of Georgia (preferred for most undergraduate programs)?
- Shadowing, volunteer, and/or employment experience- Has the applicant explored the field adequately?
- Interview - Did the applicant interview well with the admissions committee?

The GPA requirements for admission may change from year to year depending on the space availability in specific majors, but the factors above remain the key to the admission decision. The strongest indicators of academic success at MCG are your transfer GPA and the courses you have completed. Enrollment in baccalaureate degree programs requires completion of the University System of Georgia's core curriculum for the appropriate field of study. [Click here for specific admission requirements for each undergraduate major.](#)

Deadlines

In order to ensure consideration of your undergraduate application, you are expected to submit all admissions materials by the appropriate deadline. This includes the [Application](#), the \$30 nonrefundable application fee, official transcripts from each college or university you have attended, and references. Transcripts submitted to MCG after the deadline will be considered only on a space-available basis.

Undergraduate Transfer Deadlines

October 15	Physician Assistant
November 1	R.N.-to-B.S.N (spring semester)
January 20	Nursing (junior transfers)
March 15	R.N.-to-B.S.N (summer semester)
April 1	Medical Technology Radiologic Sciences Respiratory Therapy
July 1	Dental Hygiene Health Information Administration R.N.-to-B.S.N(fall semester)

Early application is strongly encouraged.

Courses Not Transferred

- Remedial, developmental or career associate degree courses
- Practicum, colloquium or internship courses
- "Orientation" or "Introduction to College" courses
- Courses in which a grade of D, F, or WF was earned (although the grade will be included in our calculation of the overall transfer GPA, even if the course was repeated with a higher grade)
- Courses taken at other University System of Georgia colleges to remedy College Preparatory Curriculum (high school pre-college curriculum) deficiencies.

Courses Not Included in the Overall Transfer GPA

- Remedial, developmental or career associate degree courses
- Internships
- "Orientation" or "Introduction to College" courses
- Physical Education activities course

Other Undergraduate Admission Categories (Transient, Unclassified and Second Degree Students)

- **Transient Students.** Transient applicants are currently enrolled at another college and wish to attend one semester at MCG and transfer the credit back to their home institution. Transient applicants must submit an Application and a Letter of Good Standing from their home institution.
- **Unclassified Students.** Unclassified undergraduate applicants hold a degree from another accredited college and wish to take additional coursework at MCG, but not to earn

a specific degree. Applicants must submit an Application and official transcripts from all colleges they have attended.

- **Second Undergraduate Degree Students.** Second undergraduate degree applicants have earned a bachelor's degree from an accredited college and want to earn a bachelor's degree from MCG as well. Applicants must submit an Application and official transcripts from all colleges they have attended, and they must meet all requirements for admission into the desired MCG school, department and major.

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Please email comments, suggestions or questions to:

Robert Cross, underadm@mcg.edu.

October 23, 2003

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[Career Opportunities in Health Science](#)

Health Information Administration

[General Admission Requirements](#)

[Course Prerequisites](#)

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An Admissions Counselor will be glad to answer your questions via e-mail or to give you a call. Please include your complete telephone number in message.

[Department of Health Information Management](#)

Print Career Information:

- [Bachelor of Science](#)
- [Post-Baccalaureate Certificate](#)
- [Master of Health Education \(M.H.E.\)](#)
Education degree program for allied health and related health professionals.
- [Master of Science Degree Program \(M.S.\)](#)
Research degree program for allied health and related health professionals

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Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](#)

August 11, 2003

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

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General Admission Criteria

Traditional 2+2 Transfer Program

Admission is based on the applicant's prior academic performance at the college level and on an assessment of the applicant's motivation and personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.3 (on a 4.0 scale) on previous college work is required for consideration.
3. Two letters of recommendation are required.
4. Interviews are by invitation only.
5. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

Application Procedures

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

Applications for admission are encouraged by July 1, but will continue to be processed until the class has been filled.

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May 23, 2002

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Health Information Administration

Courses to Take the First Two Years

The courses required to graduate from MCG comprise a core curriculum divided into six categories (Areas A-F). The options for completing these prerequisites for transfer to MCG are listed below.

A. Essential Skills	9 semester hours
<ul style="list-style-type: none"> English Composition I (3 hours) English Composition II-Literature based (3 hours) College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours) 	
B. Institutional Options**	4 - 5 semester hours
<ul style="list-style-type: none"> Introduction to Computers Critical Thinking Creative Writing Ethics Health and Wellness Statistics Economics Speech Any approved guided elective from Area F 	
C. Humanities and Fine Arts**	6 semester hours
<ul style="list-style-type: none"> Ethics Fine and Applied Arts Foreign Language Speech, Oral Communications World Literature Philosophy Drama, Art or Music Appreciation Logic Electives in Humanities and Fine Arts 	
D. Science, Mathematics and Technology	10 - 11 semester hours

One four-hour laboratory science course (chemistry is strongly encouraged), one three-hour non-laboratory science course and an additional three-hour course in science, mathematics or technology, or two four-hour laboratory science courses (chemistry is strongly encouraged) and an additional three-hour course in mathematics, science or technology.

E. Social Sciences**	12 semester hours
<ul style="list-style-type: none"> ● United States History ● United States Government ● Psychology ● Sociology ● Anthropology ● Group Process ● Human Development ● Social Problems ● Racial and Ethnic Minority Groups 	
F. Courses Appropriate to the Major	18 semester hours
Anatomy and Physiology I and II w/labs	8 hours
Accounting	3 hours
Management Information Systems/Computer Application (with lab, including word processing and spreadsheets)	3-4 hours
Guided approved electives: Basic Computer Science, Accounting, Management, Biological or Social Science	3-4 hours
<p>* If this is taken in another area of the core, the hours would be taken in additional guided electives.</p> <p>** If a student planning to transfer to MCG from another school in the University System of Georgia has completed this area with courses taken there or at another institution from which MCG accepts transfer credit, MCG will accept the area as satisfied. A student planning to transfer from a school not in the University System of Georgia should choose from the list of courses.</p>	

Information for Prospective Students

Medical College of Georgia

Please email comments, suggestions or questions to:

[Academic Admissions](#)

October 21, 2003

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Medical College of Georgia Department of Health Information Management

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If you're not considering a degree
in **health information
administration**



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best
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Please email comments, suggestions or questions to:
Andrea Koppelman, akoppelman@mail.mcg.edu

May 18, 2004

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An Admissions Counselor will be glad to answer your questions via e-mail or to give you a call. Please include your complete telephone number in message.

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Health Information Administration

Bachelor of Science

[Print Version](#) (4 page PDF file)**Professional Tasks and Working Environment**

Health information administrators are people managers-leaders who help organize and run one of the most important departments in a modern health care facility. H.I.A.s are also information managers: in modern health care, this means computers. H.I.A.s use computers, help design computer systems and make sure the system works well. H.I.A.s also provide information essential for each patient's proper health care and for reports vital for the smooth running of the health care facility.

Skills and Interests Most Suited to a Career in H.I.A.

Health information administrators must be able to supervise others, think logically, do accurate detailed work, write and speak clearly and discreetly handle confidential work.

Related career interests include computer science, business administration, accounting, sciences and health care facility administration.

Employment and Career Opportunities

Opportunities in H.I.A. are excellent, as is the future outlook. Health information administrators are employed by hospitals, clinics, long-term care facilities, medical research centers, health data organizations, insurance companies, accounting firms, law firms, managed-care organizations, pharmaceutical companies, physician practices, health agencies, local and state health departments, information systems vendors and private industry.

There is a nationwide shortage of health information administrators. Experienced health information professionals have ample opportunities to advance to higher-level management and consulting positions within the health care industry.

Salary Information

Starting salaries range from \$30,000 to \$50,000 annually, depending on location and levels of responsibility. Salaries of experienced professionals reach \$50,000 to \$75,000 and up.

Program Offered at MCG

MCG grants a bachelor of science degree in health information administration. The program is a "2+2," meaning the student completes the first two years at any accredited college of choice, and the last two years on the MCG campus. Students begin the MCG program fall semester of their junior year. Students who complete the program are eligible to take the national registration exam to become a registered health information administrator.

- [Sign Up for a Visit to Campus](#)
- [Augusta Map/Driving Directions](#)
- [Campus Map/Virtual Campus Tour](#)

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



MCG also offers a post-baccalaureate certificate program in health information administration to students who are licensed or registered in nursing or an allied health profession or who have earned a bachelor's degree in business administration. For more information, contact the Office of Academic Admissions.

General Admissions Criteria

Admission is based on college grade point averages, personal interviews and assessment of motivation and qualities needed to successfully complete the program. Only grades of C or better will be accepted in transfer. A 2.3 overall GPA on a 4.0 scale is required for consideration. References should be from individuals who can evaluate your academic performance.

Applicants whose first language is not English must submit official TOEFL scores. A minimum score of 550 is required for admissions consideration.

Financial Aid and Scholarships

Financial aid and other assistance is available. MCG participates in all federal student aid programs as well as state and private programs. MCG helps students fund their education through grants, scholarships, loans, a service commitment program and/or employment.

Academic Common Market

The MCG Department of Dental Hygiene participates in the Academic Common Market. Students from South Carolina may petition their home state to learn whether they qualify for in-state tuition at MCG.

Accreditation

Commission on Accreditation of Allied Health Education Programs
211 East Chicago Ave.
Chicago, Illinois 60611
(312) 440-2500

When and How to Apply

This is a transfer program that requires applicants to attend another accredited college or university of their choice to complete the required core curriculum courses (see the Courses to Take the First Two Years section). During their sophomore year, students can apply for transfer admission to MCG. Accepted applicants transfer fall semester to begin their junior year.

Applications for this program should be received by July 1 but will be accepted until the class has been filled. Earlier application is encouraged.

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725 or 1-800-519-3388
E-mail: underadm@mcg.edu
Web site: www.mcg.edu/admissions

Estimated Full-Time Academic Expenses

	<i>Tuition</i>	<i>Fees</i>	<i>Books/Supplies/Other</i>
Per semester	\$1,604*	293	800**

* Non-residents of Georgia pay an additional \$4,812 tuition per semester. Residents of Aiken and Edgefield counties in South Carolina and Russell and Lee counties in Alabama receive a waiver of non-resident tuition.

** Costs vary by major. Please check with your department for details.

(Costs are for 2003-2004. All tuition charges, board, room rent or other charges are subject to change at the end of any academic term.)

Estimated Living Expenses

	<i>On- or off-campus apartment</i>	<i>Commuter</i>
9 months	\$13,725	\$9,720
12 months	18,300	12,960

Frequently Asked Questions

What is a health information administrator?

Health information administrators are experts who secure, analyze, integrate and manage information that directs the health care industry. H.I.A.s are an integral part of the health care team. Doctors, nurses and other health care professionals look to the H.I.A. for guidance on health information administrative issues. By providing accurate and reliable information, the H.I.A. directly contributes to quality patient care. An H.I.A. career combines patient care, management and technology.

H.I.A.s are people managers as well as information specialists. H.I.A.s frequently interact with other members of medical, financial and administrative staffs to ensure that information systems are protected and driven by accurate, up-to-date data. In addition, H.I.A.s determine health information policies, budgets and resources.

What do H.I.A.s do?

The H.I.A. may specialize in one of the following roles:

H.I.A. for Integrated Systems. As healthcare delivery systems continue to evolve, and as organizations that were once competitors merge into entities such as managed care and integrated networks, the H.I.A. will be responsible for the organizational direction of health information.

Clinical Data Specialist. In this role, the H.I.A. concentrates on data management functions including coding for reimbursement, outcomes

management, specialty registries and research databases.

Patient Information Coordinator. As a recently developed service role, the H.I.A. helps health care consumers manage their personal health information, including personal health histories and release of health care information. The patient information coordinator also educates consumers to understand managed-care services and how to access health information resources.

Data Quality Manager. Strategic planning and decision-making are based on accurate, reliable, and timely health information. The H.I.A. is responsible for data management functions including continuous quality improvement activities for data integrity throughout the organization, data dictionary development and data quality monitoring and audits.

Information Security Manager. In this setting, the H.I.A. is responsible for managing the security of electronically maintained health information, including the requirement for data security, policies and privilege systems and performance auditing.

Data Resource Administrator. The H.I.A.'s role is the managing of records and data that use cutting-edge technology to store health information, such as the electronic medical record, computer-based patient record and data repositories, as well as ensuring long-term data integrity and access.

Research and Decision Support Specialist. The H.I.A. provides senior managers with reliable and timely information for decision making and strategy development by using various analytical tools and databases.

Where do H.I.A.s work?

The major places of employment are health care organizations, such as hospitals and large clinics. However, other health-related organizations also need accurate and up-to-date information. Increasing numbers of H.I.A.s are employed by managed care organizations, insurance companies, law firms, accounting firms, physician practices, mental health care facilities, nursing homes, federal and state health care agencies, consulting firms, health data organizations and information systems vendors. Colleges and universities that offer health information administration or health information technology programs employ H.I.A.s as faculty.

How much do H.I.A.s earn?

Salaries depend on position, experience, location, education and employer. According to 1998 information provided by the American Health Information Management Association, more than half of new H.I.A. graduates with a bachelor's degree start with salaries in the \$30,000 to \$50,000 range. After five years, many are earning \$50,000 to \$70,000. H.I.A.s in top management positions can exceed \$100,000 per year.

What is the outlook for career opportunities in H.I.A.?

H.I.A. career opportunities continue to grow. The Bureau of Labor

Statistics estimates that more than 47,000 additional H.I.A. professionals will be needed by the year 2005. The October 1996 edition of U.S. News and World Report featured health information administration in its 1997 Career Guide, reporting that H.I.A. is one of the 20 "hottest jobs for the future," and that the demand for H.I.A.s is expected to exceed supply.

How do I obtain more information about a career in H.I.A.?

We recommend taking a Closer Look tour. Closer Look tours are designed for people still exploring career choices who want to take a first-hand look at health science fields, including H.I.A. The tours are guided by admissions counselors and H.I.A. professionals. The tour includes a look at the Medical College of Georgia campus, the opportunity to speak with former MCG H.I.A. students, a tour through the classroom facilities and a visit to a real-world setting where H.I.A.s work. All admission counselors will review admission requirements and academic programs. To schedule a Closer Look tour, visit www.mcg.edu/students/tour.html, or e-mail, call or write the Office of Academic Admissions, Medical College of Georgia, 170 Kelly Building, Augusta, Georgia 30912, call (706) 721-2725, or e-mail underadm@mail.mcg.edu. Visit our web site at <http://www.mcg.edu/sah/him/>.

How do I get started?

1. Attend the accredited junior or senior college or university of your choice and complete the core curriculum. Information about core curriculum requirements is available from the Office of Academic Admissions (see above). Apply to the Medical College of Georgia early during your second year of college. If you are accepted, you will begin the H.I.A. program the fall of your junior year.
2. MCG offers a two-year, full-time professional curriculum in health information administration. This four-year (2+2) program results in a bachelor of science degree in health information administration. Graduates are prepared to take the national registration examination to become certified as a Registered Health Information Administrator. H.I.A.s are also known as R.H.I.A.s for this reason.

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Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](#)

August 06, 2003

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Health Information Administration

Post-Baccalaureate Certificate

[Print Version](#) (3 page PDF file)

Professional Tasks and Working Environment

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MCG offers a certificate in health information administration. The program is a "4+1," meaning the student who has earned a bachelor's degree in allied health, nursing or business administration may apply for MCG's post-baccalaureate certificate program in H.I.A. Students begin the MCG program fall semester. Students who complete the certificate program are eligible to take the national registration exam to become a

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General Admissions Criteria

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Requirements for admission consideration:

- proof of active or current registration or license in an allied health or nursing profession
- bachelor's degree from an accredited college or university
- at least two years of clinical experience
- submission of transcripts from all prior colleges/universities attended and completion of application form
- interview by departmental faculty
- completion of prerequisite courses in anatomy and physiology, accounting (three semester hours) and micro-computer applications with lab, including word processing and spreadsheets (three semester hours).

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The major places of employment are health care organizations, such as hospitals and large clinics. However, other health-related organizations also need accurate and up-to-date information. Increasing numbers of H.I.A.s are employed by managed care organizations, insurance companies, law firms, accounting firms, physician practices, mental health care facilities, nursing homes, federal and state health care agencies, consulting firms, health data organizations and information systems vendors. Colleges and universities that offer health information administration or health information technology programs employ H.I.A.s as faculty.

How much do H.I.A.s earn?

Salaries depend on position, experience, location, education and employer. According to 1998 information provided by the American Health Information Management Association, more than half of new H.I.A. graduates with a bachelor's degree start with salaries in the \$30,000 to \$50,000 range. After five years, many are earning \$50,000 to \$70,000. H.I.A.s in top management positions can exceed \$100,000 per year.

What is the outlook for career opportunities in H.I.A.?

H.I.A. career opportunities continue to grow. The Bureau of Labor Statistics estimates that more than 47,000 additional H.I.A. professionals will be needed by the year 2005. The October 1996 edition of U.S. News and World Report featured health information administration in its 1997 Career Guide, reporting that H.I.A. is one of the 20 "hottest jobs for the future," and that the demand for H.I.A.s is expected to exceed supply.

How do I obtain more information about a career in H.I.A.?

We recommend taking a Closer Look tour. Closer Look tours are designed for people still exploring career choices who want to take a first-hand look at health science fields, including H.I.A. The tours are guided by admissions counselors and H.I.A. professionals. The tour includes a look at the Medical College of Georgia campus, the opportunity to speak with former MCG H.I.A. students, a tour through the classroom facilities and a visit to a real-world setting where H.I.A.s work. Admission counselors will review admission requirements and academic programs.

To schedule a Closer Look tour, visit www.mcg.edu/students/tour.html, or e-mail, call or write the Office of Academic Admissions. Visit our departmental web site at <http://www.mcg.edu/sah/him/>.

Information for Prospective Students

Medical College of Georgia

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August 06, 2003

Additional Information Links

- [MCG Catalog](#)
- [Multicultural Affairs and Summer Programs](#)

Visiting the Medical College of Georgia

- [Sign Up for a Visit to Campus](#)
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Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



[Career Opportunities in Health Science](#)

Medical Technology

[General Admission Requirements](#)

[Course Prerequisites](#)

[Obtain an Application for Admission](#)

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An Admissions Counselor will be glad to answer your questions via e-mail or to give you a call. Please include your complete telephone number in message.

Print Career Information:

- [Bachelor of Science](#)
On-Campus or Internet Option
- [Post-Baccalaureate Degree Program](#)
One-Year Post-Baccalaureate Bachelor of Science or Certificate
- [Bachelor of Science Degree Completion Program](#)
for Certified MLTs or CLTs; On-Campus or Internet Option
- [Master of Health Education \(M.H.E.\)](#)
Education degree program for allied health and related health professionals.
- [Master of Science Degree Program \(M.S.\)](#)
Research degree program for allied health and related health professionals

[Medical Technology Home Page](#)

[Graduate Education Opportunities for Medical Technology](#)

[Information for Prospective Students](#)

[Medical College of Georgia](#)

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August 19, 2003

Catalog 2003-2004

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Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Admission Criteria

[On-Campus 2+2 transfer program](#)

[Internet 2+2 transfer program](#)

[One-year articulation program](#) for certified MLTs and certified CLTs

[Distance program](#) for certified MLTs and certified CLTs

[One-year program for college graduates](#) with bachelors degrees in science

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Admissions, underadm@mcg.edu

January 29, 2003

Catalog 2003-2004

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Admission Criteria

On-Campus 2+2 Transfer Program

Admission is based on the applicant's prior academic performance at the college level, personal interviews, and assessment of personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.5 (on a 4.0 scale) on all previous college work is required for consideration. Coursework more than 10 years old must be updated in organic chemistry, microbiology, and algebra.
3. Two letters of recommendation are required.
4. Interviews are by invitation only.
5. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

Applications for admission are encouraged by July 1, but will continue to be processed until the class has been filled.

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Please email comments, suggestions or questions to:
Admissions, underadm@mcg.edu

January 29, 2003

Catalog 2003-2004

[Course Descriptions](#)

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Admission Criteria

Internet 2+2 Transfer Program

Admission is based on the applicant's prior academic performance at the college level, personal interviews, and assessment of personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.5 (on a 4.0 scale) on all previous college work is required for consideration. Coursework more than 10 years old must be updated in organic chemistry, microbiology, and algebra.
3. Two letters of recommendation are required.
4. Interviews are by invitation only.
5. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.
6. 2+2 Internet program students will need access to clinical laboratory affiliate for the required internship. Contact School of Medical Technology for clinical affiliate information at (800) 723-7414.

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

Applications for admission are encouraged by July 1, but will continue to be processed until the class has been filled.

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[Multicultural Affairs and](#)[Summer Programs](#)[MCG Catalog](#)[Housing](#)[Student Financial Aid](#)

Medical Technology Core Curriculum

Courses to Take the First Two Years

The courses required to graduate from MCG comprise a core curriculum divided into six categories (Areas A-F). The options for completing these prerequisites for transfer to MCG are listed below.

A. Essential Skills	9 semester hours
<ul style="list-style-type: none"> English Composition I (3 hours) English Composition II-Literature based (3 hours) College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours) 	
B. Institutional Options**	4 - 5 semester hours
<ul style="list-style-type: none"> Introduction to Computers Critical Thinking Creative Writing Ethics Health and Wellness Statistics Economics Speech Any approved guided elective from Area F 	
C. Humanities and Fine Arts**	6 semester hours
<ul style="list-style-type: none"> Ethics Fine and Applied Arts Foreign Language Speech, Oral Communications World Literature Philosophy Drama, Art or Music Appreciation Logic Electives in Humanities and Fine Arts 	
D. Science, Mathematics and Technology	10 - 11 semester hours

One eight-hour laboratory course sequence in biology, chemistry for science majors (strongly recommended) or physics+ (not recommended for this program) and an additional course in science, mathematics or technology.

E. Social Sciences**	12 semester hours
-----------------------------	--------------------------

- United States History
- United States Government
- Psychology
- Sociology
- Anthropology
- Group Process
- Human Development
- Social Problems
- Racial and Ethnic Minority Groups

F. Courses Appropriate to the Major	18 semester hours
--	--------------------------

- Biology w/lab* (4 hours)
 - Organic Chemistry w/lab* (4 hours)
 - Microbiology w/lab (4 hours)
 - Guided electives (6-14 hours)
- General Chemistry+ for science majors (one eight-hour laboratory sequence required), Courses from Area B or D

* If this is taken in another area of the core, the hours would be taken in additional guided electives.

** If a student planning to transfer to MCG from another school in the University System of Georgia has completed this area with courses taken there or at another institution from which MCG accepts transfer credit, MCG will accept the area as satisfied. A student planning to transfer from a school not in the University System of Georgia should choose from the list of courses.

+ If a physics sequence is taken in Area D, take an eight-hour chemistry sequence in Area F.

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Catalog 2003-2004

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Admission Criteria

One-year and Internet distance articulation programs for certified MLTs and certified CLTs

Admission is based on the applicant's prior academic performance at the college level, personal interviews, and assessment of personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.5 (on a 4.0 scale) on all previous college work is required for consideration. Coursework more than 10 years old must be updated in organic chemistry, microbiology, and algebra.
3. Professional certification as a MLT(ASCP) and/or CLT(NCA), or other national agency is required.
4. Two letters of recommendation are required.
5. Interviews are by invitation only.
6. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.
7. Internet distance program applicants must be employed in or have access to a clinical laboratory for required internship projects.

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

Applications for admission are encouraged by April 1, but will continue to be processed until the class has been filled.

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Admission Criteria

One-year program for college graduates with bachelors degrees in science

Admission is based on the applicant's prior academic performance at the college level, personal interviews, and assessment of personal qualities needed to successfully complete the program. Specific requirements are as follows:

1. All applicants must hold a bachelor of science degree in biology, chemistry, microbiology, or related science field from an accredited college or university.
2. At least 16 semester hours of biology courses (including microbiology and immunology), at least 13 semester hours of chemistry courses (including one semester of biochemistry), and three semester hours of college algebra or higher-level math are required.
3. A grade point average of at least 2.75 (on a 4.0 scale) on all previous college work and an average of at least 2.75 on science courses are required for consideration. Coursework more than 10 years old must be updated in organic chemistry, microbiology, and algebra.
4. Interviews are by invitation only.
5. An interview is required.
6. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

Applications for admission are encouraged by April 1, but will continue to be processed until the class has been filled.

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May 23, 2002

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An Admissions Counselor will be glad to answer your questions via e-mail or to give you a call. Please include your complete telephone number in message.

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Medical Technology

Bachelor of Science

On-Campus or Internet Option

[Print Version](#) (2 page PDF file)**Professional Tasks and Working Environment**

Medical technologists perform laboratory tests used to diagnose and treat disease and maintain health. Medical technologists, or clinical laboratory scientists, work in blood banking, chemistry, hematology, immunology, microbiology and urinalysis. They assure that test results are accurate and reliable. In the hospital clinical laboratories, laboratory scientists analyze blood, body fluids and tissues to detect disease. They work with sophisticated computerized technology such as automated chemistry and hematology analyzers, GLC-Mass spectrophotometers and molecular testing such as PCR and DNA probes. Medical technologists also develop and evaluate new test procedures, maintain quality assurance programs, educate laboratory professionals and manage the laboratory. Medical technologists are sought in clinical areas, research and industry.

Skills and Interests Suited to a Career in Medical Technology

Accuracy, dependability, a strong sense of responsibility, the ability to communicate effectively, the ability to consistently meet deadlines, manual dexterity and good interpersonal skills are essential.

Career interests include research, quality improvement and process control, clinical specialties, computer analysis, forensic science, education and management.

Employment and Career Opportunities

Medical technologists (clinical laboratory scientists) are employed in general hospital laboratories, physicians' offices, private laboratories, mission fields, armed forces, Peace Corps, Project HOPE, public health, medical research programs, pharmaceutical laboratories, blood banks, forensic laboratories, bioterrorism response and industry.

Students with a baccalaureate degree in medical technology may advance to supervisory or specialist positions, depending on capability, experience and/or additional education. Opportunities are available for graduate education in biochemistry, microbiology, immunology, immunohematology, education, management and specialist categories.

Salary Information

Beginning salaries for recent graduates with baccalaureate degrees in medical technology average \$35,000 in clinical areas and \$55,000 in industry, depending on location and job responsibilities. Experienced technologists who become laboratory managers in large hospitals may earn \$90,000 or more.

Programs Offered at MCG

- [Augusta Map/Driving Directions](#)
- [Campus Map/Virtual Campus Tour](#)

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



MCG grants a bachelor of science degree in medical technology. The program is a "2+2," meaning the student completes the first two years of core and science prerequisite courses at any accredited college or university and the last two years through MCG. All students begin the MCG program fall semester of their junior year. On-campus students have five semesters of classroom, laboratory and clinical experiences. Internet students have six semesters of courses offered via the internet with Web-based technologies and internships through clinical affiliates.

The bachelor of science degree program is also available to college graduates in biology, chemistry, microbiology and related sciences. Laboratory and clinical experiences are conducted at affiliated clinical sites. Internet students are encouraged to identify possible internship sites convenient to them. The Department of Medical Technology will contact these sites to explore the establishment of a clinical affiliation. The internet option also requires students to have acceptable computer capability and internet connectivity.

Graduates of both programs are eligible to take national certification exams.

General Admissions Criteria

Admission is based on college grade point averages, personal interviews and assessment of motivation and personal qualities needed to successfully complete the program. A 2.5 overall GPA on a 4.0 scale is required and all applicants must have completed prerequisite course requirements. References should be from individuals who can evaluate your academic performance. Applicants whose first language is not English must submit official TOEFL scores of at least 550 paper-based (213 computer-based).

Accreditation

National Accrediting Agency for Clinical Laboratory Science
 8410 W. Bryn Mawr Ave., Suite 670 Chicago, Illinois 60631
 (773) 714-8880

Financial Aid and Scholarships

Financial aid and other assistance is available. MCG participates in all federal student aid programs as well as state and private programs. MCG helps students fund their education through grants, scholarships, loans, a service commitment program and/or employment.

Estimated Full-Time Academic Expenses

	Tuition	Fees	Books/Supplies/Other
Per semester	\$1,604*	293	800**

* Non-residents of Georgia pay an additional \$4,812 tuition per semester. Residents of Aiken and Edgefield counties in South Carolina receive a waiver of non-resident tuition.

** Costs vary by major. Please check with your department for details.

(Costs are for 2003-2004. All tuition charges, board, room rent or other charges are subject to change at the end of any academic term.)

Estimated Living Expenses

	On- or off-campus apartment	Commuter
9 months	\$13,725	\$9,720
12 months	18,300	12,960

When and How to Apply

This is a transfer program that requires applicants to attend another accredited college or university of their choice to complete the required core curriculum courses (see the Courses to Take the First Two Years section). Students may apply for transfer admission to MCG during their sophomore year. Accepted applicants transfer fall semester to begin their junior year.

A minimum college GPA of 2.5 is required. Grades of D in prerequisite courses do not transfer. Course work more than 10 years old must be updated in organic chemistry, microbiology and algebra.

Applications for this program should be received by **April 1**, but will be accepted until the class has been filled. Earlier application is encouraged.

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725 or 1-800-519-3388
E-mail: underamd@mcg.edu
Web site: www.mcg.edu/admissions

Information for Prospective Students

Medical College of Georgia

Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](mailto:underamd@mcg.edu)

August 19, 2003

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An Admissions Counselor will be glad to answer your questions via e-mail or to give you a call. Please include your complete telephone number in message.

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- [MCG Catalog](#)
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Medical Technology

One-Year Post-Baccalaureate Bachelor of Science or Certificate

[Print Version](#) (2 page PDF file)

Professional Tasks and Working Environment

Medical technologists perform laboratory tests used to diagnose and treat disease and maintain health. Medical technologists, or clinical laboratory scientists, work in blood banking, chemistry, hematology, immunology, microbiology and urinalysis. They assure that test results are accurate and reliable. In the hospital clinical laboratories, laboratory scientists analyze blood, body fluids and tissues to detect disease. They work with sophisticated computerized technology such as automated chemistry and hematology analyzers, GLC-Mass spectrophotometers, as well as molecular testing such as PCR and DNA probes. Medical technologists also develop and evaluate new test procedures, maintain quality-control programs, educate laboratory professionals and manage the laboratory.

Skills and Interests Suited To a Career in Medical Technology

Accuracy, dependability, a strong sense of responsibility, the ability to communicate effectively and consistently meet deadlines, manual dexterity and good interpersonal skills are essential.

Career interests include research, quality improvement and process control, clinical specialties, computer analysis, forensic science, education and management.

Employment and Career Opportunities

Medical technologists (clinical laboratory scientists) are employed in general hospital laboratories, physicians' offices, private laboratories, mission fields, armed forces, Peace Corps, Project HOPE, public health, medical research programs, pharmaceutical laboratories, blood banks, forensic laboratories, bioterrorism response and industry.

Students with a baccalaureate degree in medical technology may advance to supervisory or specialist positions, depending on capability, experience and/or additional education. Opportunities are available for graduate education in biochemistry, microbiology, immunology, immunohematology, education, management and specialist categories.

Salary Information

Beginning salaries for recent graduates with baccalaureate degrees in medical technology average \$35,00 in clinical areas and \$55,000 in industry. This figure varies depending on location and job responsibilities. Experienced technologists who become laboratory managers in large hospitals may earn \$90,000 or more.

Programs Offered at MCG

- [Campus Map/Virtual Campus Tour](#)

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

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MCG offers a one-year post-bachelor's degree program for students who have completed a degree in biology, chemistry, microbiology or related science fields. The graduate will receive a certificate of completion of the medical technology program or a bachelor of science degree in medical technology, depending on completion of prior course work required for the degree program. This program starts in summer semester. Only a small number of students are accepted each year. Applicants are encouraged to consider application to the 2+2 program, which is offered in both on-campus and internet formats. Classroom, laboratory and clinical experiences are included to ensure the graduate is well-prepared to succeed as a medical technologist.

MCG also offers a "2+2" bachelor's degree in medical technology which is entered after two years of college. Graduates of either program are eligible to take national certification exams.

Prerequisite Courses

The courses required to graduate from MCG comprise a core curriculum divided into six categories (Areas A-F). The options for completing these prerequisites for transfer to MCG are listed in the [Medical Technology Core Curriculum](#).

Students pursuing a certificate should refer to qualifications listed in the [When and How to Apply](#) section. The following courses are required for students pursuing a Bachelor of Science degree. Grades of D are not transferable.

General Admissions Criteria

Admission is based on college grade point averages, personal interviews and assessment of motivation and personal qualities needed to successfully complete the program. All applicants must hold a bachelor of science degree. Applicants whose first language is not English must submit official TOEFL scores of at least 550 paper-based (213 computer-based).

Accreditation

National Accrediting Agency for Clinical Laboratory Science
8410 W. Bryn Mawr Ave. Suite 690 Chicago, Illinois 60631
(773) 714-8880

Financial Aid and Scholarships

Financial aid and other assistance is available. MCG participates in all federal student aid programs as well as state and private programs. MCG helps students fund their education through grants, scholarships, loans, a service commitment program and/or employment.

Estimated Full-Time Academic Expenses

	Tuition	Fees	Books/Supplies/Other
Per semester	\$1,604*	293	800**

* Non-residents of Georgia pay an additional \$4,812 tuition per semester. Residents of Aiken and Edgefield counties in South Carolina receive a waiver of non-resident tuition.

** Costs vary by major. Please check with your department for details.

(Costs are for 2003-2004. All tuition charges, board, room rent or other charges are subject to change at the end of any academic term.)

Estimated Living Expenses

	On- or off-campus apartment	Commuter
9 months	\$13,725	\$9,720
12 months	18,300	12,960

When and How to Apply

Applicants for this one-year post-bachelor's program must be graduates of any accredited college or university and meet the following qualifications:

- bachelor's degree in biology, chemistry, microbiology or related science field;
- at least a 2.75 math/science and overall grade point average (4.0 scale);
- at least 16 semester hours of biology courses, including microbiology and immunology (immunology available through MCG); at least 13 semester hours of chemistry courses, including one semester of biochemistry; and three semester hours of college algebra (or higher-level math);
- course work more than 10 years old must be updated in the areas of biochemistry, microbiology and algebra;
- for applicants whose first language is not English, minimum score on the Test of English as a Foreign Language (TOEFL) of 550 paper-based (213 computer-based);
- transcripts from foreign countries must be evaluated by a professional evaluation agency prior to application. (Contact the Office of Academic Admissions for approved agencies).

For the best chance of acceptance, apply by April 1 of the year you wish to enter. Earlier application is encouraged. The program begins summer semester.

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725 or 1-800-519-3388
E-mail: underadm@mcg.edu
Web site: www.mcg.edu/admissions

Information for Prospective Students **Medical College of Georgia**

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August 19, 2003

[General Admission Requirements](#)

[Courses to take the first two years](#)

[Obtain an Application for Admission](#)

[Contact an Admissions Counselor](#)

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[Medical Technology Home Page](#)

[Graduate Education Opportunities for Medical Technology](#)

Additional Information Links

- [MCG Catalog](#)
- [Multicultural Affairs and Summer Programs](#)

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Medical Technology Bachelor of Science Degree

Completion for Certified MLTs or CLTs
On-Campus or Internet Option

[Print Version](#) (2 page PDF file)

Professional Tasks and Working Environment

The B.S. degree will allow the M.L.T. an opportunity for expanded opportunity and in many cases career advancement with higher salaries. Medical technologists are expected to be technically skilled and assume greater responsibility for decisions related to utilization, patient advocacy, problem solving, laboratory operations, consultation, information technology and leadership.

Skills and Interests Suited to a Career in Medical Technology

Accuracy, dependability, a strong sense of responsibility, the ability to communicate effectively and consistently meet deadlines, manual dexterity and good interpersonal skills are essential.

Career interests include research, quality improvement and process control, clinical specialties, computer analysis, forensic science, education and management.

Employment and Career Opportunities

Medical technologists (clinical laboratory scientists) are employed in general hospital laboratories, physicians' offices, private laboratories, mission fields, armed forces, Peace Corps, Project HOPE, public health, medical research programs, pharmaceutical laboratories, blood banks, forensic laboratories, bioterrorism response and industry.

Students with a baccalaureate degree in medical technology may advance to supervisory or specialist positions, depending on capability, experience and/or additional education. Opportunities are available for graduate education in biochemistry, microbiology, immunology, immunohematology, education, management and specialist categories.

Salary Information

Beginning salaries for recent graduates with baccalaureate degrees in medical technology average \$35,000 in clinical areas and \$55,000 in industry. These figures vary depending on location and job responsibilities. Experienced technologists who become laboratory managers in large hospitals or team leaders in industry may earn \$90,000 or more.

Program Offered at MCG

The Medical College of Georgia offers a bachelor of science degree program for certified medical laboratory technicians.

Applicants must complete a core curriculum of required prerequisite courses. (See the

- [Augusta Map/Driving Directions](#)
- [Campus Map/Virtual Campus Tour](#)

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



Courses to Take the First Two Years section.) Thirty semester hours of experiential credit are awarded for previous certification. This allows entry into the senior year of the B.S. degree program.

On-campus students begin in May (summer semester) and take six months of classes and six months of internship, completing the program in one year.

Internet students begin in August (fall semester) and complete the program in two years part time. Formal coursework is offered through the internet using WebCT. Internet students are required to identify acceptable internship sites that are willing to establish a clinical affiliation with the Medical College of Georgia during the students' training. Acceptable computer capability and internet connectivity are required.

General Admissions Criteria

Admission is based on college grade point averages, personal interviews and assessment of motivation and personal qualities needed to successfully complete the program. Applicants must be nationally certified as an MLT.

Applicants whose first language is not English must submit official TOEFL scores of at least 550 paper-based (213 computer-based).

Accreditation

National Accrediting Agency for Clinical Laboratory Science
 8410 W. Bryn Mawr Ave., Suite 670 Chicago, Illinois 60631
 (773) 714-8880

Financial Aid and Scholarships

Financial aid and other assistance is available. MCG participates in all federal student aid programs as well as state and private programs. MCG helps students fund their education through grants, scholarships, loans, a service commitment program and/or employment.

Estimated Full-Time Academic Expenses

	Tuition	Fees	Books/Supplies/Other
Per semester	\$1,604*	293	800**

* Non-residents of Georgia pay an additional \$4,812 tuition per semester. Residents of Aiken and Edgefield counties in South Carolina receive a waiver of non-resident tuition.

** Costs vary by major. Please check with your department for details.

(Costs are for 2003-2004. All tuition charges, board, room rent or other charges are subject to change at the end of any academic term.)

Estimated Living Expenses

	On- or off-campus apartment	Commuter
9 months	\$13,725	\$9,720

12 months

18,300

12,960

When and How to Apply

Applicants for the bachelor's degree program for MLT or CLT laboratory professionals should meet the following qualifications:

- Professional certification as a MLT(ASCP) and/or CLT(NCA) or other national agency. Documentation of certification is required.
- At least a 2.5 grade point average overall. Grades of D in prerequisite courses will not be transferred.
- Course work more than 10 years old must be updated in organic chemistry, microbiology and algebra.

For priority consideration, apply by **April 1** before the summer or fall semester you wish to enroll. Earlier application is encouraged.

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725 or 1-800-519-3388
E-mail: underadm@mcg.edu
Web site: www.mcg.edu/admissions

Information for Prospective Students

Medical College of Georgia

Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](mailto:underadm@mcg.edu)

August 19, 2003

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- [Course Prerequisites](#)
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- [Contact an Admissions Counselor](#)

An Admissions Counselor will be glad to answer your questions via e-mail or to give you a call. Please include your complete telephone number in message.

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- [Bachelor of Science](#)
- [Nursing R.N.-B.S.N. Bachelor of Science Degree Completion Program for Registered Nurses](#)
- [Adult Nursing Master of Science](#)
- [Nursing R.N.-M.N./M.S.N. Master of Nursing or Master of Science in Nursing Degree Completion for Registered Nurses](#)
- [Family Nurse Practitioner Master of Nursing](#)
- [Nursing Anesthesia Master of Nursing](#)
- [Pediatric Nurse Practitioner Master of Nursing](#)
- [Nursing Doctor of Philosophy \(Ph.D.\)](#)

Additional Information:

- [Significant Facts About the School of Nursing](#)
- [School of Nursing Home Page](#)
- [Undergraduate Study in Nursing](#)
- [Masters Degree Opportunities in Nursing](#)
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April 13, 2004

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Catalog 2003-2004

[Course Descriptions](#)**Additional Links:**[Research](#)[Library](#)[Faculty](#)

Admission Criteria

1. Admission is based on an overall grade point average and on the grade point average in the required [core curriculum](#) (minimum 2.50 GPA).
2. SAT or ACT scores must be submitted and should either be requested from [Educational Testing Service](#) or [ACT](#), or should appear on the student's high school or college transcript (or other document submitted) for undergraduate applicants.
3. The admissions committee assesses the applicant's motivation and personal qualities needed to successfully complete the program.
4. Two letters of recommendation are required.
5. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

Application Procedures

Application forms with instructions for completing admission procedure may be obtained from the [Office of Academic Admissions](#). Applications will continue to be received until the class has been filled, which is typically by the end of February. Early application is encouraged.

Immunizations

In addition to the institutional immunization policy, students must have HBV-immunizations and PPD completed before beginning the School of Nursing program; students not completing HBV series must sign a disclaimer.

Non-Degree Applicants

A student seeking to enroll for nursing courses as a special student, non-degree seeking, should contact the [Office of Academic Admissions](#) for additional information and an application.

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May 23, 2002

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School of Nursing Core Curriculum

Courses to Take the First Two Years

The courses required to graduate from MCG comprise a core curriculum divided into six categories (Areas A-F). The options for completing these prerequisites for transfer to MCG are listed below.

A. Essential Skills*	9 semester hours
<ul style="list-style-type: none"> English Composition I (3 hours) English Composition II-Literature based (3 hours) College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours) 	
B. Institutional Options**	4 - 5 semester hours
<ul style="list-style-type: none"> Introduction to Computers Critical Thinking Creative Writing Ethics Health and Wellness Statistics Economics Speech Any approved guided elective from Area F 	
C. Humanities and Fine Arts**	6 semester hours
<ul style="list-style-type: none"> Ethics Fine and Applied Arts Foreign Language Speech, Oral Communications World Literature Philosophy Drama, Art or Music Appreciation Logic Electives in Humanities and Fine Arts 	

D. Science, Mathematics and Technology***10 - 11 semester hours**

One eight-hour laboratory course sequence in biology, chemistry or physics and an additional course in science, mathematics or technology.

E. Social Sciences****12 semester hours**

- United States History
- United States Government
- Psychology
- Sociology
- Anthropology
- Group Process
- Human Development
- Social Problems
- Racial and Ethnic Minority Groups

F. Courses Appropriate to the Major***18 semester hours**

- Anatomy and Physiology, 8 hours
- Microbiology, 4 hours
- Applied Statistics+ (required), 3 hours
- Human Growth & Development (required), 3 Hours
- Guided electives from sociology, psychology, 0-6 Hours

+ If this is taken in another area of the core, the hours would be taken in additional guided electives.

* These courses must be completed before beginning the program. All core courses must be completed before beginning fall semester of senior year.

** If a student planning to transfer to MCG from another school in the University System of Georgia has completed this area with courses taken at that institution or at another institution from which MCG accepts transfer credit, MCG will accept the area as satisfied. A student planning to transfer from a school not in the University System of Georgia should choose from the list of courses.

CPR certification for the health care provider from the American Heart Association is required before enrolling in the B.S.N. program.

Information for Prospective Students

Medical College of Georgia

Please email comments, suggestions or questions to:

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October 21, 2003

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[Courses to Take the First Two Years](#)

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Nursing

Bachelor of Science

[Print Version](#) (4 page PDF file)

Professional Tasks and Working Environment

Nursing is one of the oldest and best-known health professions. One of the most exciting aspects of nursing is the variety of career opportunities available. The registered nurse gives and supervises bedside nursing care, provides education and support for patients and their families, teaches nursing personnel, assists in operations, plans community health services and administers programs inside and outside of a hospital or institutional setting.

Skills and Interests Suited to a Career in Nursing

Students in this field must have the ability to make rational decisions, use good judgment, organize and plan, have good physical and mental stamina, work well with people and be empathetic.

Employment and Career Opportunities

Nursing may be one of the most exciting, expansive and developing professions of the next decade. Salaries, advancement opportunities and benefits have increased rapidly. Increasing numbers of men are entering nursing. Advancement and leadership opportunities in nursing are greater for the registered nurse with a bachelor's degree. Due to a national shortage of nurses, employment opportunities are plentiful.

Nurses may work in a wider variety of settings than just about any other professional. These settings include public and private hospitals, schools of nursing, public health agencies, industry, primary and secondary schools, homes, governmental agencies, physicians' offices, the military and self-employed private practice.

Salary Information

While salaries vary by employer, job location and other factors, recent studies indicate that starting salaries for this field range from \$35,000-\$55,000. Salaries for experienced staff nurses can exceed \$60,000, while directors of nursing earn as much as \$70,000-\$95,000 nationally.

Program Offered at MCG

The Medical College of Georgia offers a bachelor of science in nursing (B.S.N.) program. This information sheet presents the B.S.N. program for undergraduate students seeking transfer admission after completing two years of pre-nursing core curriculum courses at another college. All students at the Athens campus, located near the University of Georgia, and the Augusta campus begin our program as juniors with orientation and classes beginning in June. B.S.N. graduates are eligible to take state licensure exams to

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become registered nurses.

MCG also offers an R.N.-B.S.N. completion program for registered nurses that can be completed in just two semesters. This program is offered on MCG's Augusta, Athens, Barnesville and Columbus campuses and all courses are available online. For more information on this program contact the Office of Academic Admissions.

General Admissions Criteria

Admission is based on college grade point averages, SAT or ACT scores and assessment of motivation and personal qualities needed to successfully complete the program. The essay portion of your application should be no more than one page in length and should explain why you have chosen nursing as a career. References should be from professors who have taught you and can speak to your academic abilities. Applicants whose first language is not English must submit official TOEFL scores. A minimum score of 550 is required for admissions consideration.

Financial Aid and Scholarships

Financial aid and other assistance is available. MCG participates in all federal student aid programs as well as state and private programs. MCG helps students fund their education through grants, scholarships, loans, a service commitment program and/or employment.

MCG Nursing Curriculum

All undergraduate nursing students take the courses listed below plus six credit hours of electives, in addition to the general education core requirements, to complete the B.S.N. degree. The nursing courses are taken in sequence beginning the junior year. In the junior and senior years, students concentrate study in nursing theory and practice and continue study in general education. Students must complete their core curriculum courses before beginning their senior year in nursing. Areas A, D and F must be completed before beginning the program.

Junior Year

Summer Semester

		<i>Credit Hours</i>
NUR 3100	Principles of Professional Nursing Practice	6
	Total	6

Fall Semester

		<i>Credit Hours</i>
NUR 3101	Foundations I: Concepts of Professional Nursing Practice	2
NUR 3102	Pathophysiology and Pharmacology I	3
NUR 3103	Lifespan I: Nursing Care of the Beginning Family	5
NUR 3104	Lifespan II: Nursing Care of the Young Family	5
	Total	15

Spring Semester

		<i>Credit Hours</i>
NUR 3201	Foundations II: Health Care Environments	2

NUR 3202	Pathophysiology and Pharmacology II	3
NUR 3203	Lifespan III: Nursing Care of the Middle Family	5
NUR 3204	Lifespan IV: Nursing Care of the Mature Family	5
	Total	15

Senior Year**Fall Semester****Credit Hours**

NUR 4301	Foundations III: Impact of Research and Legal/Ethical Issues on Professional Nursing Practice	3
NUR 4302	Professional Nursing Management of Individuals and Families Experiencing Complex Health Problems	9
NUR	Elective	3
	Total	15

Spring Semester**Credit Hours**

NUR 4401	Foundations IV: Health Care Leadership, Management and Partnerships in Community Based Care	3
NUR 4402	Professional Nursing Practice	9
NUR	Elective	3
	Total	15
	Program Total	66

Estimated Full-Time Academic Expenses

	Tuition	Fees	Books/Supplies/Other
Per semester	\$1,604*	293	800**
<i>Barnesville</i>		139	
<i>Athens</i>		385	

* Non-residents of Georgia pay an additional \$4,812 tuition per semester. Residents of Aiken and Edgefield counties in South Carolina receive a waiver of non-resident tuition.

** Costs vary by major. Please check with your department for details.

(Costs are for 2003-2004. All tuition charges, board, room rent or other charges are subject to change at the end of any academic term.)

Estimated Living Expenses

	On- or off-campus apartment	Commuter
9 months	\$13,725	\$9,720
12 months	18,300	12,960

When and How to Apply

This is an upper-division program that requires applicants to attend another accredited college or university of their choice to complete the required core curriculum courses (see Courses to Take the First Two Years section). During the sophomore year, students can apply for transfer admission to MCG. Accepted applicants will transfer to begin their junior year.

Acceptance decisions are made on a rolling admission basis. The application deadline for the 2004 class is January 20, 2004; however, applications will continue to be received until the class has been filled. Early application is encouraged.

How to Get an Application

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725
1-800-519-3388

E-mail: underadm@mcg.edu

Web site: www.mcg.edu/admissions

For further information about MCG's nursing programs, please visit our school's website at www.mcg.edu/son/programs.htm.

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Carol Nobles, [Academic Admissions](#)

August 06, 2003

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Nursing

R.N.-B.S.N.

Bachelor of Science Degree Completion Program for Registered Nurses

[Print Version](#) (4 page PDF file)

The Medical College of Georgia offers registered nurses the R.N.- B.S.N. program to complete their bachelor of science in nursing degree. This degree-completion program offers flexibility and accessibility for the R.N.- B.S.N. student through online courses.

Program Features and Eligibility

- The program includes eight courses, or 31 semester hours. It can be completed in two semesters of full-time study or part-time study over three or four semesters.
- The program begins in any semester.
- The program emphasizes professional development, research, health assessment, community health and leadership/management.
- The online curriculum (WebCT) maximizes flexibility and accessibility. Some online courses include a few on-campus meetings.
- The program offers in-depth student orientation and computer support for the online courses at all four program sites: Augusta, Athens, Barnesville and Columbus.
- The curriculum includes three clinical courses that students complete in their home community.
- 35 semester hours of equivalent credit for previous nursing licensure are awarded after completing 15 credits of MCG courses.

Available at Four Campuses

The main campus of MCG, the state's health sciences university, is in Augusta. We also have an Athens campus and offer the R.N.-B.S.N. program at Gordon College in Barnesville, Ga. and Columbus State University. MCG School of Nursing faculty are on-site at each campus and teach all courses. The B.S.N. degree is awarded by MCG.

Admission Criteria

- Graduate of an accredited associate degree or diploma program
- Georgia Board of Nursing license
- Completion of 60 semesters hours of core curriculum (non-nursing) courses
- Preferred college transfer GPA of 3.0

A Three-Step Program

The R.N.-B.S.N. curriculum gives registered nurses an alternate route to the bachelor of

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science in nursing degree, while assuring a high-quality educational experience. In this three-step program, the R.N.-B.S.N. student must:

Step 1. Complete the core curriculum at your college.

The core curriculum provides the basic educational foundation for the bachelor's degree. The core can be taken at any accredited college or university, with the credits transferred to MCG. To be considered for the R.N.-B.S.N. program, students must complete the 60 semester hours of required core courses with a preferred 3.0 minimum GPA before enrolling at MCG. (See [Core Curriculum Requirements](#))

Step 2. Complete 15 semester hours of MCG nursing courses.

Upon acceptance and successful completion of the 15 semester hours of courses, 35 semester hours of equivalent credit for previous nursing licensure are awarded.

Step 3. Complete the remaining 16 credit hours of nursing courses.

Students must also pass the Regents' Exam and satisfy legislative requirements in U.S. and Georgia history and constitutions if these requirements were not satisfied at a previous college or university.

Required Courses/Semesters Offered

Fall Semester

- NUR 3102 Pathophysiology and Pharmacology I
- NUR 4995 Professional Issues
- NUR 4301 Foundations III: Leadership in Nursing Research and Legal/Ethical Issues
- NUR 4993 Health Appraisal and Promotion for the Individual and Family
- NUR elective

Spring Semester

- NUR 3202 Pathophysiology and Pharmacology II
- NUR 4991 Population Health
- NUR 4994 Synthesis in Professional Nursing
- NUR elective

Summer Semester

- NUR 4993 Health Appraisal and Promotion for the Individual and Family
- NUR elective

Professional Licensure Credit

After successfully completing the academic and professional requirements of the School of Nursing and the Medical College of Georgia, the following upper-division courses will be credited by proof of previous licensure as a registered nurse:

- NUR 3100 Principles of Professional Nursing Practice (6)
- NUR 3103 Lifespan I: Nursing Care of the Beginning Family (5)
- NUR 3104 Lifespan II: Nursing Care of the Young Family (5)
- NUR 3203 Lifespan III: Nursing Care of the Middle Family (5)
- NUR 3204 Lifespan IV: Nursing Care of the Mature Family (5)
- NUR 4302 Professional Nursing Management of Individuals and Families

Experiencing Complex Health Problems (9)

Total credit 35 semester hours

The following courses have been selected for their importance to professional practice and their relevance to the background of the experienced nurse. (Numbers in the parentheses indicate class/online-lab/clinical-credit hours. Clinical credit is awarded on a 1:3 credit to clock hour ratio.) All courses are online.

NUR 3102 Pathophysiology and Pharmacology I (3-0-3)

Introduction to the pathophysiologic basis of illness and basic principles of clinical pharmacology. The focus is on compromises in the body's ability to meet physiological needs integrated with nursing-based pharmacological interventions in response to these compromises.

NUR 3202 Pathophysiology and Pharmacology II (3-0-3)

A continuation of Patho/Pharm I.

NUR 4995 Professional Issues (3-0-3)

This course addresses the transition from the R.N. student's basic educational preparation to the baccalaureate professional practice. Concepts, issues and theories impacting nursing and health care are analyzed. This course emphasizes professional development and trends and predictions for professional nursing practice.

NUR 4301 Foundations III: Leadership in Nursing Research and Legal/Ethical Issues (3-0-3)

This course explores legal/ethical issues in nursing and the importance of research to nursing practice. Preparation for dealing with legal and ethical problems in day-to-day nursing situations is emphasized. The research process is examined as it applies to nursing practice. The course develops critical-thinking skills while analyzing case studies involving legal/ethical dilemmas and critiquing published nursing research.

NUR 4991 Population Health (3-3-4)

This course develops knowledge and skills needed to promote health care of populations. Theories, concepts and models are presented and students develop competencies of leadership and management to collaborate with community members and health care providers.

NUR 4993 Health Appraisal and Promotion for the Individual and Family (4-6-6)

This course presents the knowledge and skill base for health assessment of individuals and families across the lifespan. Nursing interventions related to the promotion of health for individuals and families based on state and national priorities are emphasized. Community-based clinical experiences allow the student to demonstrate the integration of knowledge and clinical skills.

NUR 4994 Synthesis in Professional Nursing (3-9-6)

This course applies principles of professional nursing practice. Students synthesize and integrate theory in developing the professional role. Concepts related to leadership, management, policy, resource utilization and planning/ evaluating services are critically examined.

Students choose a track (education, management, health policy research or professional practice) for their clinical experience. The course includes a requirement of 135 clinical hours. These hours can be completed within each student's community.

NUR Elective (3-0-3)

One three-hour elective is required. A variety of electives are offered each semester for students to choose based on personal interest or professional goals. Students may also work with a faculty member to develop an independent professional development study elective.

How to Get an Application

The R.N.-B.S.N. program begins any semester. To receive an application, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, GA 30912
Telephone: 706-721-2725
1-800-519-3388
E-mail: underadm@mcg.edu
Website: www.mcg.edu/admissions

Acceptance decisions are made on a rolling admission basis. Application deadlines are November 1 for spring, March 15 for summer and July 1 for fall. Early application is encouraged.

For further information about MCG's nursing programs, please visit our school's website at www.mcg.edu/son/programs.htm.

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[School of Nursing Home Page](#)

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- [MCG Catalog](#)
- [Multicultural Affairs and Summer Programs](#)

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Adult Nursing

Master of Science

[Print Version](#) (1 page PDF file)

This program prepares nurses for advanced practice as clinical nurse specialists in acute and critical care of adults. Full-time and part-time study is available, and the curriculum provides a foundation for doctoral study. MCG's highly experienced faculty members are actively involved in practice and work closely with students in clinical settings. Students have access to outstanding clinical experience in areas such as trauma, cardiovascular care and oncology. Career opportunities in a variety of acute and critical care clinical specialties are excellent throughout the Southeast and beyond.

Program Goals

- To cultivate clinical competence in various acute and critical care situations
- To synthesize knowledge of ethics, biosocial-cultural and legal principles in managing health promotion and delivering health care to acute and critically ill adults
- To prepare students to apply selected research findings to the practice of adult nursing
- To prepare students to apply knowledge of current theories to the advanced practice of adult nursing

Career Opportunities

- Advanced clinical nursing in settings including intensive care units, emergency rooms and general acute care areas
- Research and management in acute and critical care areas
- Educational and clinical leadership in acute and critical care areas

Admission Requirements

- Bachelor of science degree in nursing from an accredited program with a GPA of 3.0 or higher on a 4.0 scale
- Official transcripts of all post-secondary education
- Current professional Georgia nurse licensure
- Graduate or undergraduate statistics course
- Graduate or undergraduate health assessment course
- Personal interview with faculty
- Three letters of recommendation
- GRE score of 900 or higher (sum of verbal and quantitative). Miller Analogy Test (MAT) scores may be substituted.
- One year of R.N. experience
- TOEFL of 550 paper-based or 213 computer-based or higher, if applicable.

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

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Graduates of foreign nursing programs must have transcripts and application materials evaluated by the Commission on Graduates for Foreign Nursing Schools.

For more information, call (706) 721-4709, e-mail cchernek@mail.mcg.edu or visit www.mcg.edu/son/cns/.

Program of Study

Core Courses

- Theory and Research
- Pathophysiology
- Delivery Systems and Models
- Advanced Health Assessment
- Pharmacology

Clinical Courses

- Complex Health Problems of Adults
- Foundations of Advanced Nursing Practice
- Advanced Acute Care in Adult Health
- Advanced Critical Care in Adult Health
- Laboratory and Diagnostic Tests in Advanced Practice
- Adult Nursing Clinical Nurse Specialist Practicum
- Elective

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
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Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725 or Toll free: 1-800-519-3388
Fax: (706) 721-7279
E-mail: gradadm@mcg.edu
Web site: www.mcg.edu/admissions

For more information about health-related career opportunities, visit www.mcg.edu/admissions.

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Nursing

R.N.-M.N./M.S.N.

Master of Nursing or Master of Science in Nursing Degree
Completion for Registered Nurses

[Print Version](#) (2 page PDF file)

The R.N to M.N./M.S.N. program provides diploma and associate-degree nurses with a streamlined curriculum to a master's degree in nursing. Full-time and part-time schedules are available. Enrollment is limited and competitive.

The program is offered on MCG's Augusta campus and via distance-learning on its Athens campus and on its Columbus State University site. Specific tracks, depending on enrollment, include M.N. degrees in family nurse practitioner and pediatric nurse practitioner and M.S.N. degrees in clinical nurse specialist in adults and acute care.

Program Goals

- Prepare advanced-practice nurses to provide optimal health care to a variety of clients and families in diverse community and institution-based settings
- Provide students with a quality education based on sound educational principles within the context of health care, students and the community
- Provide a wide variety of clinical experiences that will enable program graduates to practice in varied primary care and acute settings
- Graduate well-qualified advanced practice nurses who will continue to strive for higher standards of practice, education and professionalism
- Advance the nursing profession through service, research and scholarship

Admission Requirements

- Completion of required undergraduate core curriculum prior to enrollment
- Associate degree or diploma in nursing from accredited program
- Official transcripts of all post-secondary academic study
- Current Georgia nurse licensure
- Personal interview with faculty
- Three letters of academic or professional recommendation
- One year of R.N. experience
- GPA of 3.0 or higher on 4.0 scale
- GRE score of 900 or higher (sum of verbal and quantitative) or MAT of 48 or higher
- TOEFL score of at least 550 paper-based or 213 computer-based, if applicable. Graduates of foreign nursing programs must have transcripts and application materials evaluated by the Commission on Graduates of Foreign Nursing Schools.

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For more information, call (706) 721-9748, e-mail gradadm@mail.mcg.edu or visit www.mcg.edu/gradstudies/grn.htm

Steps in Completing the R.N.-M.N./M.S.N. Program

1. Complete the core curriculum at your college. The core curriculum provides the basic educational foundation for the bachelor's degree. The core can be taken at any accredited college or university, with the credits transferred to MCG. These 60 credit hours of core curriculum must be completed prior to acceptance into the R.N.-M.S.N./M.N. Program. Successful completion of the University System of Georgia's Regents Exam and legislative exams on the history and Constitutions of the United States and Georgia is also required. For additional information, see www.mcg.edu/students/registrar/.
2. Complete R.N.-B.S.N. coursework at MCG. The R.N.-B.S.N. courses are offered online with only a few on-campus meeting requirements. Curriculum emphasis is on professional development, research skills, health assessment, community nursing and leadership/management. Challenge exams for undergraduate health assessment, pathophysiology and pharmacology are possible. Upon successful completion of R.N.-B.S.N. coursework, 35 semester hours of equivalent credit for previous nursing licensure is awarded, which fulfills requirements for the B.S.N. degree. Both the B.S.N. and M.N./M.S.N. degrees are awarded upon completion of the entire R.N.-M.N./M.S.N. Program. For a complete description of the online R.N.-B.S.N. courses, please refer to www.mcg.edu/son/RNBSN/
3. Complete the master's degree core curriculum at MCG. This begins your integration to the advanced practice curriculum by enrolling in the core courses with students from all graduate nursing programs.
4. Complete clinical courses in your specific master's degree program. After you complete your master's core coursework, you will enroll in program-specific courses associated with the master's degree program to which you were originally accepted. Clinical experiences are designed in collaboration with student interests and needs.

The entire R.N. to M.N./M.S.N. program can be completed in seven semesters of full-time study. Part-time study is also available.

For specific information about each of our programs, please refer to our Web sites:

- **Family Nurse Practitioner**, www.mcg.edu/son/fnp/
- **Pediatric Nurse Practitioner**, www.mcg.edu/son/pnp/
- **Clinical Nurse Specialist-Adult/Acute Care**, www.mcg.edu/son/cns/

Professional Licensure Credit

Upon successful completion of the academic and professional requirements established by the School of Nursing and the Medical College of Georgia, the following upper-division courses will be credited by proof of previous licensure as a registered nurse:

- NUR 3100 Principles of Professional Nursing Practice (6)
- NUR 3103 Lifespan I: Nursing Care of the Beginning Family (5)
- NUR 3104 Lifespan II: Nursing Care of the Young Family (5)
- NUR 3203 Lifespan III: Nursing Care of the Middle Family (5)

- NUR 3204 Lifespan IV: Nursing Care of the Mature Family (5)
- NUR 4302 Professional Nursing Management of Individuals and Families Experiencing Complex Health Problems (9)

Total credit 35 semester hours

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725
Toll free: 1-800-519-3388
Fax: (706) 721-7279
E-mail: gradadm@mcg.edu
Web site: www.mcg.edu/admissions

For more information about health-related career opportunities, visit www.mcg.edu/admission.

Information for Prospective Students

Medical College of Georgia

Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](mailto:gradadm@mcg.edu)

August 22, 2003

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[School of Nursing Home Page](#)

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- [MCG Catalog](#)
- [Multicultural Affairs and Summer Programs](#)

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Family Nurse Practitioner

Master of Nursing

[Print Version](#) (2 page PDF file)

This program prepares advanced-practice nurses to provide primary health care to clients and families in community and institutional settings. Extensive didactic and clinical experiences produce highly competent practitioners who excel in professionalism and advance the nursing profession through service, research and scholarship.

Career Opportunities

Nurse practitioners have practiced health promotion, disease prevention, early detection and health management in the United States for almost 40 years. Today, they can practice in every state in the country with varying degrees of independence and physician collaboration.

Career settings for family nurse practitioners include health clinics, medical offices, managed-care organizations, hospitals, specialty clinics, research laboratories and academia. Specialty areas include cardiac care, women's health, family planning, occupational health and intensive care.

MCG's Program

Students take core courses covering theoretical foundations for nursing practice, health systems and models, advanced pathophysiology, advanced pharmacology, nursing research and advanced health assessment. Clinical courses emphasize treating adults, children, the elderly and their families. MCG students discuss their professional goals with faculty mentors and may pursue elective studies toward that end.

The primarily online program is offered on MCG's main campus in Augusta and in the Georgia cities of Athens and Columbus via on-site faculty, distance-learning and interactive Web instruction. Courses meet at their on-campus sites approximately once per month, with campus time also scheduled for exams. Clinical assignments are made within the student's geographical location, in other Georgia cities such as Atlanta and/or in the neighboring states of Alabama and South Carolina.

This program can be completed full time in just under two years or part time in approximately two-and-a-half to three years.

Students with a master's degree in nursing who want to train as a family nurse practitioner generally are required to take just three core courses: advanced health assessment, advanced pathophysiology and advanced pharmacology. They must take all required clinical family nurse practitioner classes.

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



The MCG School of Nursing is fully accredited by the National League for Nursing and the Southern Association of Colleges and Schools. Graduates are eligible for national certification by the American Nurses' Credentialing Center and the American Association of Nurse Practitioners. MCG graduates can practice in any of the 50 United States.

MCG's Faculty

Faculty in the family nurse practitioner program have five to 20-plus years of professional experience in areas such as family practice, pediatrics, college health, emergency service, rural practice, psychiatry, allergy and asthma treatment, acute care and pediatric HIV, to name just a few. They are graduates of advanced-

practice programs at Virginia Commonwealth University, the University of Pennsylvania, Georgia Southern University, Emory University, Seton Hall University and MCG.

All faculty continue to practice while they teach and are committed to ongoing professional scholarship, including research, publications and professional presentations. They welcome the opportunity to mentor new generations of nurse practitioners.

Admission Requirements

- Bachelor of science degree in nursing from an accredited program with a minimum grade point average of 3.0 on a 4.0 scale
- Current Georgia R.N. license and at least one year of experience as a registered nurse, preferably with broad and varied clinical experience
- Undergraduate or graduate health statistics course
- Undergraduate health assessment course
- Official transcripts from all post-secondary institutions attended
- Personal interview
- Three professional letters of recommendation
- Minimum combined Graduate Record Exam score of 900 (sum of verbal and quantitative) or minimum Miller Analogies Test score of 48
- Minimum score of 550 (paper-based) or 213 (computer-based) on the Test of English as a Foreign Language, if applicable
- Evaluation of transcripts and application materials by the Commission on Graduates for Foreign Nursing Schools (www.cgfns.org) for graduates of foreign nursing programs

Program of Study

Core Requirements

- NSG 7470: Advanced Health Assessment (2)
- NSG 7440: Nursing Theory and Research in Advanced Nursing Practice (3)
- NSG 7030: Health Care Systems and Models (2)
- NSG 7390: Pathophysiology for Advanced Practice Nurses (3)
- NSG 7430: Pharmacology for Advanced Practice Nurses (3)

FNP Program Requirements

- NSG 6880: FNP I Health Promotion and Problems of Adults and Their Families (6)
- NSG 6890: FNP II Health Promotion and Problems of the Elderly and Their Families (5)
- NSG 6900: FNP III Health Promotion of Children and Their Families (6)

- NSG 6980: Nurse Practitioner Practicum (6)

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725
Toll free: 1-800-519-3388
Fax: (706) 721-7279
E-mail: gradadm@mcg.edu
Web site: www.mcg.edu/admissions

For more information about health-related career opportunities, visit www.mcg.edu/admissions.

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Medical College of Georgia

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August 06, 2003

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Nursing Anesthesia

Master of Nursing

[Print Version](#) (2 page PDF file)

Didactic and clinical instruction are integrated in this seven-semester program. The first two semesters of didactic instruction include experience in the human patient simulation lab. Students become familiar with anesthesia techniques and procedures in the lab prior to entering clinical instruction. Students administer sedation, regional and general anesthesia to pediatric and adult patients for a wide variety of surgical specialties including general surgery, orthopedics, otolaryngology, obstetrics, thoracic, vascular, cardiac, and neuroanesthesia. Before graduating, students administer more than 600 anesthetics over at least 1,000 clinical hours. After graduating, students are eligible for the National Certification Examination required to practice as a nurse anesthetist.

Program Goals

- To prepare students to plan, implement, and evaluate anesthesia care for patients having diagnostic, therapeutic, or surgical procedures
- To prepare students to collaborate with other health professionals in planning, implementing, and evaluating anesthesia care
- To prepare students to critically analyze research reports and incorporate relevant findings into clinical practice
- To prepare students to supervise the formulation, planning, and implementation of respiratory care for patients requiring ventilatory support
- To prepare students to provide consultative services in anesthesia nursing, respiratory care, pain management, cardiopulmonary resuscitation, fluid therapy, and physiological monitoring
- To prepare students to instruct patients and health care personnel on selected topics related to anesthesia, respiratory care, fluid therapy, and physiological monitoring

Career Opportunities

- Pediatric nursing anesthesia
- Adult nursing anesthesia
- College-level teaching and research
- Consultative services in anesthesia nursing, respiratory care, pain management, cardiopulmonary resuscitation, fluid therapy, and physiological monitoring

Admission Requirements

- Bachelor of science in nursing degree from an accredited program with a GPA of 3.0 or higher on a 4.0 scale
- Official transcripts of all post-secondary education

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



- Current Georgia nursing license
- Graduate or undergraduate statistics course
- Graduate or undergraduate health assessment course
- Personal interview with coordinator or designee
- Three letters of recommendation
- GRE score of 900 or higher (sum of verbal and quantitative)
- At least one year of critical-care R.N. experience
- TOEFL of at least 550 paper-based or 213 computer-based, if applicable

For more information, call (706) 721-9558, e-mail bmaddox@mcg.edu or visit www.mcg.edu/gradstudies/gnanes.htm.

Program of Study

Core Courses

- Delivery Systems and Models
- Pathophysiology
- Pharmacology
- Theory and Research
- Advanced Health Assessment

Clinical Courses

- Nursing Anesthesia Clinical Practicum
- Nursing Anesthesia Specialty Practicum
- Nursing Anesthesia Rural Practicum

Specialty Courses

- Introduction to Anesthesia Nursing
- Anatomy and Physiology for Nurse Anesthetists
- Chemistry/Physics/Biochemistry for Nurse Anesthetists
- Pharmacology of Anesthetic Agents
- Cardiopulmonary Physiology and Pharmacology
- Principles of Nursing Anesthesia I
- Principles of Nursing Anesthesia II
- Principles of Nursing Anesthesia III
- Technology and Techniques in Nursing Anesthesia
- Professional Aspects of Nursing Anesthesia
- Perspectives on Rural Anesthesia Care
- Independent Study

Distinctive Features

- Rotations for students in rural health care settings
- Use of high-fidelity simulation in anesthesia education

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions

170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725 or Toll free: 1-800-519-3388
Fax: (706) 721-7279
E-mail: gradadm@mcg.edu
Web site: www.mcg.edu/admissions

For more information about health-related career opportunities, visit
www.mcg.edu/admissions.

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Additional Information Links

- [MCG Catalog](#)
- [Multicultural Affairs and Summer Programs](#)

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Pediatric Nurse Practitioner

Master of Nursing

[Print Version](#) (2 page PDF file)

This program prepares advanced practice nurses to provide primary health care to children from infancy to young adulthood. Extensive didactic and clinical experiences produce highly competent practitioners who excel in professionalism and advance the nursing profession through service, research and scholarship.

Career Opportunities

Nurse practitioners have practiced health promotion, disease prevention, early detection and health management in the United States for almost 40 years. Today, they can practice in every state in the country with varying degrees of independence and physician collaboration.

Pediatric nurse practitioners promote wellness and manage acute and chronic health problems of children from birth through young adulthood. Most are generalists in primary-care settings such as clinics, medical offices and managed-care organizations. Others specialize in areas such as pediatric hematology/oncology, adolescent gynecology and development pediatrics. Other settings include clinical research, education and public health.

MCG's Program

Students take core courses covering theoretical foundations for nursing practice, health systems and models, advanced pathophysiology, advanced pharmacology, nursing research and advanced health assessment. Clinical courses emphasize treating infants, children, adolescents and their families. MCG students discuss their professional goals with faculty mentors and may pursue elective studies toward that end.

The program is offered on MCG's main campus in Augusta. Students may also take the program's core requirements in Athens via on-site faculty, distance-learning and interactive Web instruction. Clinical assignments are made within the student's geographical location, including the neighboring states of Alabama and South Carolina.

This program can be completed full time in just under two years or part time in approximately two-and-a-half to three years.

Students with a master's degree in nursing who want to pursue the pediatric nurse practitioner curriculum generally are required to take just three core courses: advanced health assessment, advanced pathophysiology and advanced pharmacology. They must take all required clinical pediatric nurse practitioner classes.

The MCG School of Nursing is fully accredited by the National League for Nursing and

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



the Southern Association of Colleges and Schools. Graduates are eligible for national certification by the American Nurses' Credentialing Center and the American Association of Nurse Practitioners. MCG graduates can practice in any of the 50 United States.

MCG's Faculty

Faculty in the nurse practitioner program have from five to 20-plus years of professional experience in areas such as family practice, pediatrics, college health, psychiatry, allergy and asthma treatment, acute care, pediatric HIV and pediatric hematology/oncology, to name just a few. They are graduates of advanced-practice programs at Virginia Commonwealth University, the University of Pennsylvania, Georgia Southern University, Emory University, Rutgers University and MCG.

All faculty continue to practice while they teach and are committed to ongoing professional scholarship, including research, publications and professional presentations. They welcome the opportunity to mentor new generations of nurse practitioners.

Admission Requirements

- Bachelor of science degree in nursing from an accredited program with a minimum grade point average of 3.0 on a 4.0 scale
- Current Georgia RN license and at least one year of experience as a registered nurse, preferably with broad and varied clinical experience
- Undergraduate or graduate health statistics course
- Undergraduate health assessment course
- Official transcripts from all post-secondary institutions attended
- Evaluation of transcripts and application materials by the Commission on Graduates of Foreign Nursing Schools (www.cgfns.org) for graduates of foreign nursing programs
- Personal interview
- Three professional letters of recommendation
- Minimum combined Graduate Record Exam score of 900 (sum of verbal and quantitative) or minimum Miller Analogies Test score of 48
- Minimum score of 550 (paper-based) or 213 (computer-based) on the Test of English as a Foreign Language, if applicable

Program of Study

Core Requirements

- NSG 7470: Advanced Health Assessment (2)
- NSG 7440: Nursing Theory and Research in Advanced Nursing Practice (3)
- NSG 7030: Health Care Systems and Models (2)
- NSG 7390: Pathophysiology for Advanced Practice Nurses (3)
- NSG 7430: Pharmacology for Advanced Practice Nurses (3)

PNP Program Requirements

- NSG 6960: PNP I-Health Promotion and Supervision: Birth through Adolescence (4)
- NSG 6970: Growth and Development through the Life Span (2)
- NSG 6920: PNP II-Acute and Common Health Problems of Children (6)
- NSG 6930: PNP III-Chronic Health Problems of Children (5)
- NSG 6980: Nurse Practitioner Practicum (6)

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725 or Toll free: 1-800-519-3388
Fax: (706) 721-7279
E-mail: gradadm@mcg.edu
Web site: www.mcg.edu/admissions

For more information about health-related career opportunities, visit www.mcg.edu/admissions.

Information for Prospective Students

Medical College of Georgia

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August 06, 2003

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- [Multicultural Affairs and Summer Programs](#)

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Nursing

Doctor of Philosophy (Ph.D.)

[Print Version](#) (2 page PDF file)

The Doctor of Philosophy program in nursing prepares researchers who will develop and apply knowledge in nursing. Doctorally prepared nurses contribute to an improved quality of teaching, research, practice and a published body of knowledge in nursing science. The program is based on the belief that professional nursing has a unique role and body of knowledge that can be expanded, applied and validated through recognized methods of scholarly inquiry. Inquiry involves increasing the depth and breadth of nursing knowledge-based disciplines.

Program Goals

- To prepare students to conduct nursing research
- To prepare students to develop theory for nursing science and practice
- To cultivate leadership strategies appropriate for ethical, political, sociocultural and economic issues influencing health, the health care system and nursing

Career Opportunities

- College-level education and research
- College-level administration
- Industry-based research

Admission Requirements

- GRE score of 1000 or higher (sum of verbal and quantitative)
- B.S.N. and/or M.S.N. from an N.L.N.-accredited program with a GPA of 3.2 or higher on a 4.0 scale
- Official transcripts from all colleges attended
- Undergraduate course in statistics
- Current Georgia nurse licensure
- Submission of goals or statement of interest in doctoral study
- Submission of an original paper reflecting research ability
- Curriculum vitae
- Faculty interview
- Three letters of recommendation
- TOEFL score of at least 550 paper-based or 213 computer-based, if applicable. Graduates of foreign nursing programs must have transcripts and application materials evaluated by the Commission on Graduates of Foreign Nursing Schools.

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



For more information, call (706) 721-4710, e-mail gradadm@mcg.edu or visit www.mcg.edu/son/phd.htm.

Program of Study

Common Core Courses

This component addresses the process of logical thought and the theoretical basis for nursing practice.

- NSG 8000 Philosophical and Theoretical Foundations of Nursing
- NSG 8110 Theory Development and Research Designs
- NSG 8600 Health Care: Systems, Policies and Priorities

Area of Concentration

The Health Care Across the Life Span area of concentration focuses on research and theory development related to human responses to actual or potential health problems.

- NSG 8410 Human Development Across the Life Span
- NSG 8830 Family Development and Health
- NSG 8710 Human Development and Aging
- NSG 8690 Feminist Inquiry in Nursing
- NSG 8480 Health Promotion Across the Life Span

Research/Statistics (22 credits)

- NSG 8200 Qualitative Design and Analysis
- NSG 8210 Qualitative Research Design and Methods Analysis I
- NSG 8211 Qualitative Research Design and Methods Analysis II
- NSG 8300 Research Practicum
- Inferential Statistics
- Multivariate Statistics

Electives (9 credits)

- NSG 8800 Ethical Issues in Health Care
- NSG 8460 Cross-Cultural Health Beliefs and Practice
- NSG 8090 Adaptation to Stress in Health and Illness
- NGS 9010 Seminar in Nursing
- NGS 9100 Independent Study

Dissertation

Each student must complete an original investigation that provides evidence of independent thinking, scholarly ability, critical judgment and knowledge of research methods and techniques.

- NGS 9300 Dissertation

Academic Common Market

The MCG School of Nursing's Ph.D. program participates in the Academic Common Market. Students from South Carolina may petition their home state to learn whether they qualify for in-state tuition at MCG.

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725
Toll free: 1-800-519-3388
Fax: (706) 721-7279
E-mail: gradadm@mcg.edu
Web site: www.mcg.edu/admissions

For more information about health-related career opportunities, visit www.mcg.edu/admissions.

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Physician Assistant

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- [Course Prerequisites](#)
- [Obtain an Application for Admission](#)
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Career Information:

- [Bachelor of Science](#)
- [Master of Health Education \(M.H.E.\)](#)
Education degree program for allied health and related health professionals.
- [Master of Science Degree Program \(M.S.\)](#)
Research degree program for allied health and related health professionals
- [Master of Health Education and Physician Assistant Residency in Emergency Medicine](#)
- [Master of Science and Physician Assistant Residency in Urology](#)

Additional Information:

- [Physician Assistant Home Page](#)
- [Graduate Education Opportunities for Physician Assistant](#)

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[Medical College of Georgia](#)

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August 22, 2003

Catalog 2003-2004

[Course Descriptions](#)

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[Research](#)

[Library](#)

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General Admission Criteria

Admission is based on undergraduate college work including the overall, transfer, and math/science grade point averages. Other criteria include personal interviews and assessment of the applicant's motivation and personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 3.0 (on a 4.0 scale) on all previous college work and an average of at least 2.8 on math and science courses are required for consideration.
3. Three letters of recommendation are required.
4. Interviews are by invitation only.
5. Preference is given to residents of Georgia and to residents of states with no physician assistant program.
6. Applicants whose first language is not English must submit official TOEFL scores. A minimum TOEFL score of 250 on the computer-based exam or 600 on the paper exam and a minimum score of 50 on the TSE-P are required for admission consideration. The TSE-A exam scores will not be accepted. Applicants must take both the TOEFL and the TSE-P by October 15 to be considered for admission the following year.

Application Procedures

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Applications must be received by October 15. Earlier application is encouraged.

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[Multicultural Affairs and Summer Programs](#)[MCG Catalog](#)[Housing](#)[Student Financial Aid](#)

Core Curriculum for Physician Assistant

Courses to Take the First Two Years

The courses required to graduate from MCG comprise a core curriculum divided into six categories (Areas A-F). The options for completing these prerequisites for transfer to MCG are listed below.

A. Essential Skills	9 semester hours
<ul style="list-style-type: none"> English Composition I (3 hours) English Composition II-Literature based (3 hours) College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours) 	
B. Institutional Options**	4 - 5 semester hours
<ul style="list-style-type: none"> Introduction to Computers Critical Thinking Creative Writing Ethics Health and Wellness Statistics Economics Speech Any approved guided elective from Area F 	
C. Humanities and Fine Arts**	6 semester hours
<ul style="list-style-type: none"> Ethics Fine and Applied Arts Foreign Language Speech, Oral Communications World Literature Philosophy Drama, Art or Music Appreciation Logic Electives in Humanities and Fine Arts 	
D. Science, Mathematics and Technology	10 - 11 semester hours

One eight-hour laboratory course sequence in biology, chemistry or physics and an additional course in science, mathematics or technology.

E. Social Sciences**	12 semester hours
<ul style="list-style-type: none"> ● United States History ● United States Government ● Psychology ● Sociology ● Anthropology ● Group Process ● Human Development ● Social Problems ● Racial and Ethnic Minority Groups 	
F. Courses Appropriate to the Major	18 semester hours
<ul style="list-style-type: none"> ● General Chemistry* I and II w/labs 8 hours ● Organic Chemistry w/lab 4 hours ● Microbiology w/lab 4 hours ● Guided electives 2-10 hours Histology, Genetics, Embryology, Comparative Vertebrate Anatomy or Physics. A course in Anatomy and Physiology is suggested. 	

* If this is taken in another area of the core, the hours would be taken in additional guided electives.

** If a student planning to transfer to MCG from another school in the University System of Georgia has completed this area with courses taken there or at another institution from which MCG accepts transfer credit, MCG will accept the area as satisfied. A student planning to transfer from a school not in the University System of Georgia should choose from the list of courses.

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[Courses to Take the First Two Years](#)

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- [MCG Catalog](#)
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Physician Assistant

Bachelor of Science

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Professional Tasks and Working Environment

The physician assistant, working with physicians and other health professionals, performs many clinical functions that enable the physician to devote more time to duties requiring his particular knowledge and skill. The physician assistant performs duties based on guidelines established by the state granting certification. In most settings the physician assistant obtains medical histories, performs physical examinations, orders and interprets laboratory results and other information and assesses and treats common illnesses, including writing prescriptions. Disease prevention and health promotion activities, counseling and patient education are other important services provided by the physician assistant. Successful completion of the National Certifying Examination is required to practice as a physician assistant in Georgia.

Skills and Interests Suited to a Career as a Physician Assistant

Physician assistants need the ability to relate to people, a capacity for calm and reasoned judgment in handling emergencies, an orientation toward service and intelligence. A solid background in math and science is helpful as well.

Related career interests include medicine, nursing, physical therapy, occupational therapy and any patient-contact field.

Employment and Career Opportunities

Employment opportunities are abundant depending on location. According to U.S. Bureau of Labor Statistics projections, employment of physician assistants is expected to grow about 48 percent by the year 2008. A certified physician assistant may work in hospitals, clinics, physicians' offices or educational facilities.

Advancement depends on the services the physician assistant provides, revenue generated and practice setting.

Salary Information

Starting salaries average \$60,000 annually in primary care and higher in specialty areas. Salaries of professionals with experience average \$72,000. Some P.A.s earn more than \$100,000 per year.

Program Offered at MCG

The Medical College of Georgia grants a bachelor of science degree in physician assistant. The program emphasizes classroom and clinical practice experience, with heaviest emphasis on clinical work with patients. The program is a "2+2," meaning the student completes the first two years at any accredited college or university of choice, and the last two years on the MCG campus. The P.A. program begins in May.

- [Augusta Map/Driving Directions](#)
- [Campus Map/Virtual Campus Tour](#)

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The Physician Assistant program at the Medical College of Georgia is in the planning stages of transition to an entry-level master's degree. We anticipate that the first cohort of students admitted to the entry-level master's program will enroll in 2005. The Association of Physician Assistant Programs has encouraged all PA programs to be master's-level by 2008.

General Admissions Criteria

Admission is based on undergraduate college work including the overall, transfer and math/science GPAs. Other criteria include personal interviews and assessment of motivation and personal qualities needed to successfully complete the program. Preference is given to Georgia residents. A 3.0 overall GPA on a 4.0 scale is required for consideration, as is a 2.8 GPA on math/science courses. Current certification in BCLS Healthcare Provider course (Course 3) through the American Heart Association is required prior to enrollment. Computer literacy is expected.

Applicants whose first language is not English must submit official TOEFL and TSE-P scores. Minimum scores of 600 on the TOEFL and 50 on the TSE-P are required for admissions consideration. The TSE-A exam scores will not be accepted. Applicants must take both the TOEFL and TSE-P by October 15 to be considered for admission the following year.

Financial Aid and Scholarships

Financial aid and other assistance is available. MCG participates in all federal student aid programs as well as state and private programs. MCG helps students fund their education through grants, scholarships, loans, a service commitment program and/or employment.

Estimated Full-Time Academic Expenses

	<i>Tuition</i>	<i>Fees</i>	<i>Books/Supplies/Other</i>
Per semester	\$1,604*	293	800**

* Non-residents of Georgia pay an additional \$4,812 tuition per semester. Residents of Aiken and Edgefield counties in South Carolina and Russell and Lee counties in Alabama receive a waiver of non-resident tuition.

** Costs vary by major. Please check with your department for details.

(Costs are for 2003-2004. All tuition charges, board, room rent or other charges are subject to change at the end of any academic term.)

Estimated Living Expenses

	<i>On- or off-campus apartment</i>	<i>Commuter</i>
9 months	\$13,725	\$9,720
12 months	18,300	12,960

Accreditation

Accreditation Review Commission on Education for the Physician Assistant
John E. McCarty, Executive Director

1000 North Oak Avenue
Marshfield, WI 54449-5788

When and How to Apply

This is a transfer program that requires applicants to attend another accredited college or university of their choice to complete the required core curriculum courses (see Courses to take the first two years section). During their sophomore year, students may apply for transfer admission to MCG. Accepted applicants transfer in May to begin their junior year.

Although the GPA of most applicants will likely be higher, to be eligible for transfer consideration at least a 3.0 college average is required. Admission is competitive, and space is limited.

Applications for this program must be received by October 15. Earlier application is encouraged. Preference is given to Georgia residents.

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725 or 1-800-519-3388
E-mail: underadm@mcg.edu
Web site: www.mcg.edu/admissions

Frequently Asked Questions

Prospective students come from a wide variety of backgrounds and with a wide variety of questions. This list cannot begin to answer all of your questions, but here are some frequently asked ones.

For more information about admissions, please contact our Office of Academic Admissions or the Physician Assistant Department, (706) 721-3246.

What is the application deadline?

Applications must be received by October 15 for the physician assistant program. All required materials to complete the application must also be received by this date (e.g. two personal references, official school transcripts, etc.). We recommend, however, that you complete your application before the deadline. We do not give preference to applications received early and treat all applicants that meet the deadline on an equal basis.

What counts in admission?

We use an evaluation system based on the overall undergraduate grade point average, transfer grade point average, math/science grade point average, 100 hours of physician assistant shadowing and work experience in the medical field to determine who is qualified for further

consideration and a personal interview. After the initial screening of the application, you may or may not be qualified for a personal interview. Once the interview is completed, we evaluate references, writing ability, personal interview and an overall assessment of the application by several members of the Admissions Committee.

How many applicants are usually interviewed?

We try to interview between 100 and 150 applicants for the 40 program spaces.

Do you accept out-of-state residents?

We accept out-of-state residents but give preference first to Georgia residents.

Will lack of medical experience hurt my chances for acceptance?

Although we do not require prior medical experience, it is looked upon very favorably by the Admissions Committee. Prior medical experience for classes averages four and a half to five years.

What about my references?

MCG requires at least three references for admissions. We recommend strongly that at least one reference be provided by a physician assistant who has observed your interaction with patients or your volunteer work for at least six months. More weight is given to references who have observed your interactions in a clinical setting.

What GPA do I need?

We require a minimum GPA of 3.0 overall and 2.8 in your math/science courses. Classes average a GPA of 3.4 overall and in math/science coursework.

I had to retake some science courses because I got D's the first time. Will this hurt my chances?

It will be a disadvantage since it will affect your GPA, although it will not eliminate you from consideration provided you have successfully completed all prerequisite courses with a grade of C or higher. We include all college courses in calculating your overall undergraduate and math/science GPA.

I didn't know what I wanted to do when I went to school 10 years ago and got poor grades. After working for several years, I now know that I want to be a physician assistant. I've gotten good grades since returning to school. Can you "forgive" my old grades?

No, but we do look at the overall trend.

I have a master's degree. Can we count those courses since my undergraduate

grades weren't very good?

No. We don't consider master's or doctoral work since it is not relevant to our program.

Would it be to my advantage to take more science courses than the minimum required?

While it is not necessary, and usually will not increase your chances to be admitted (unless your previous grades were poor) it still may be beneficial to have taken several other science courses. We always recommend that you apply to more than one P.A. program, so it would help to complete the requirements of other programs, which will usually include organic chemistry. Successful completion of a course in human anatomy and physiology will help you at MCG.

It's been more than 10 years since I took some of my science courses. Will I have to retake all of them?

No, but it would help you to review areas appropriate for our program, such as anatomy/physiology and chemistries.

Must I complete all my prerequisites before I can be accepted?

No, but applicants who have completed most of their core courses are more competitive.

What about social science courses?

To receive a baccalaureate degree from a University System of Georgia college/university, you must complete 12 semester hours of social sciences. You also must demonstrate knowledge in the areas of U.S. and Georgia history and U.S. and Georgia constitutions. Part of your course work should include U.S. history and American government. (The latter course is often taught in a political science department and is called American Government.) If your U.S. History and American Government/Political Science courses were taken at an out-of-state university or college, you must take an examination on the Georgia constitution and Georgia history before graduation. These exams are given each semester at MCG.

Why do you want volunteer work experience?

We want to be assured that you have adequately explored the entire field of physician assistant and are certain of your career choice. We also have found it extremely helpful for our students to have experience in the medical field. This helps us determine your ability to work in patient care and your potential for success in a clinical setting.

How much volunteer work experience do you expect?

We prefer that you have direct patient contact in various clinical or patient care settings. If most of your experience has been in another type of

health care setting such as nursing, you should spend enough time in a patient care area to demonstrate that you have adequately explored the field of physician assistant. We prefer that you spend time in various clinical settings such as rehabilitation, acute care, emergency medicine or pediatrics rather than observing just one type of practice setting.

I have taken the G.R.E. Can these scores be used?

The scores cannot be used for the Physician Assistant Bachelor of Science degree. If, on the other hand, you are applying for the dual degree, B.S./M.H.E., you must score at least 1000 on the G.R.E.

Can I attend your program part time?

No. We offer only a full-time program.

Can I work while attending your program?

"No" is our best advice. Our program is very demanding. Classes generally meet all day Monday through Friday with homework assignments that fill evening and weekend hours. We cannot prohibit you from working while in school, but most students find it extremely difficult. At times, working has been the major factor in academic failure. The Office of Financial Aid is very helpful in finding alternative funding sources. Also, many companies will provide financial assistance in return for a specified amount of time spent working at that facility. You should identify these resources and treat them as you would any employment contract by determining your willingness to work at the facility, assessing the terms involved and comparing it to other opportunities.

What can you tell me about your graduate programs?

Our Master of Science (M.S.) and Master of Health Education (M.H.E.) programs are for students with a bachelor of science degree in physician assistant who meet MCG's other admission requirements. We do not have an entry-level master's degree program. In fall 2000, we initiated a dual track program for a B.S. to M.H.E. for accepted students who qualify for the graduate school. For admission information about this program, contact the Office of Academic Admissions at (706) 721-2725.

When will I know if I'm accepted?

The interview process typically begins in November. If you qualify for an interview, you may receive an invitation as soon as late October. After interviews are completed, the Admissions Committee will select a class from applicants who were interviewed. This usually takes place in January. You will be notified one way or the other by a letter from the Office of Academic Admissions and must respond by a specified date.

What is an alternate list?

We usually have more qualified applicants than places in the class. Some qualified applicants may be placed on an alternate list. If and when an accepted applicant withdraws, an alternate may be contacted to fill that

position.

I already have a medical professions degree. Can I count any of my professional courses and exempt some of the P.A. courses?

No, unless you were enrolled in MCG basic science course work. We want all of our students to take our entire program. We want to ensure that you do well on your Physician Assistant National Certification Examination after graduation.

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August 22, 2003

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[Graduate Education Opportunities for Physician Assistant](#)

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Physician Assistant

Master of Health Education and Residency in Emergency Medicine

[Print Version](#) (2 page PDF file)

This program enables physician assistants to earn a master of health education degree from the Medical College of Georgia School of Graduate Studies and a residency certificate from the School of Medicine. Graduates are trained for careers as academic and clinical educators and highly skilled practitioners.

MCG's Program

This 15-month interdisciplinary program prepares physician assistants to be educators with mastery of advanced content, varied instructional techniques and the philosophy, theory and methods of higher education; designers and evaluators of alternative methods and materials for instruction; leaders who can help plan, design and deliver quality professional education in academic and clinical environments; and clinicians who excel in the rigorous environment of emergency medicine.

The program begins in May and requires two consecutive semesters of full-time study or the equivalent in residence on the campus. Currently, one student is accepted into the program per year, receiving a stipend of \$26,000 plus tuition and student fees.

MCG Emergency Services

MCG Hospitals and Clinics is a major tertiary referral and teaching center for the state of Georgia. MCG Hospital was designated a Level I trauma center in 1981 and was accredited as Georgia's second pediatric trauma center in 1993. The center serves metropolitan Augusta and 13 surrounding counties. Commonly treated injuries include those resulting from firearms, vehicle collisions and farming accidents.

MCG Emergency and Express Care Services occupies the ground floor of the critical-care tower adjacent to the main hospital. In fiscal year 2001, Emergency and Express Care Services treated more than 60,000 patients, an increase of 53.4 percent since 1995. Hospital admissions through the service climbed 40.6 percent in the same time period, and pediatric patient volumes have increased annually by 15 percent.

The Emergency Department has over 10,000 square feet and 29 beds. Space is designated for trauma resuscitation, orthopedics/casting/suturing, ear/nose/throat/ophthalmology and holding/decontamination. The department is continuously staffed by faculty who are board-certified or residency-trained in emergency medicine. Pediatric emergency physicians are present 12 hours each day in MCG's award-winning Children's Medical Center, adjacent to the main hospital.

The department's computer system enables fast access to lab results, patient records,

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the Internet and several medical databases. Other department features include thorough and current reference materials, a medical staff lounge, a conference room and an excellent security system.

Admission Requirements

- Physician assistant degree from a program approved by the Commission on Accreditation of Allied Health Education Programs (JRC-PA)
- Certification or eligibility by the National Commission on Certification of Physician Assistants
- Georgia physician assistant license
- Three letters of recommendation
- Minimum combined Graduate Record Exam score of 900 within past five years
- Minimum score of 600 paper-based or 250 computer-based on the Test of English as a Foreign Language, if applicable
- Any discipline-specific requirements stipulated by the program

Clinical Residency Courses

- PAD 8500: Emergency Toxicology (3)
- PAD 8510: Emergency Pharmacology (1)
- PAD 8520: Emergency Medicine Core I (3)
- PAD 8530: Emergency Medicine Core II (3)
- PAD 8540: Emergency Medicine Core III (3)
- PAD 8550: Emergency Medicine Core IV (3)

Master of Health Education Requirements

- EDU 7000: Curriculum and Instruction (3)
- EDU 7001: Methods of Evaluation (3)
- EDU 7003: Teaching Practicum (1)
- EDU 7005: Adult as a Learner (3)
- EDU 7006: Instructional Processes (3)
- AHS 9020: Methods of Research (3)
- AHS 9100: Research Practicum (1)
- AL-IS 9200: Project (3)

Graduation Requirements

Completion of at least 36 semester hours with a minimum grade point average of 2.8, including at least 15 hours of education core, six hours of research tools and methods, four hours of thesis research or project and 11 hours of interdisciplinary/disciplinary studies.

For more information about the program, contact:

Shawn Gunder, M.P.A.S., P.A.-C.
1120 15th Street, AF-2012
Augusta, Georgia 30912
Telephone: (706) 721-3246
E-mail: MP8359GS@students.mcg.edu
Web site: <http://www.mcg.edu/ems/>

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or

write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725
Toll free: 1-800-519-3388
Fax: (706) 721-7279
E-mail: gradadm@mcg.edu
Web site: www.mcg.edu/admissions

For more information about health-related career opportunities, visit
www.mcg.edu/admissions.

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August 25, 2003

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- [MCG Catalog](#)
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Physician Assistant

Master of Science and Residency in Urology

[Print Version](#) (1 page PDF file)

This program enables physician assistants to earn a master of science degree from the Medical College of Georgia School of Graduate Studies and a residency certificate from the School of Medicine. Graduates are trained for careers as academic and clinical educators and highly skilled practitioners.

Master of Science

This interdisciplinary research degree program for allied health professionals cultivates:

- advanced knowledge and skills in related basic and clinical sciences
- research skills to formulate questions, organize ideas and examine information from basic and clinical sciences
- mastery of advanced content with a grounding in the philosophy, theory and methods of higher education
- leadership skills to plan, develop and deliver cost-effective, quality health care services

Students pursue a course work proposal approved by the advisory committee, department chairman and dean. At least two consecutive semesters of full-time study or the equivalent in campus residence is required, with a minimum grade point average of 2.8.

Admission Criteria

- Degree from CAAHEA-approved physician assistant program
- NCCPA board certified/eligible
- Eligibility for Georgia physician assistant license
- Three letters of recommendation
- Minimum Graduate Record Examination combined scores of 1000, taken within past five years
- Two official transcripts from all post-secondary schools
- Minimum paper-based score of 600 or computer-based score of 250 on Test of English as a Foreign Language, if applicable
- Discipline-specific requirements

Residency

The physician assistant resident will receive intensive education and clinical experience in general urology, leading to a master of science degree and residency certificate. One physician assistant urology resident will be admitted this year. The program begins in August.

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The residency is a 15-month, full-time program requiring 40 to 60 hours a week in clinic and the classroom. The resident will attend classes and see patients in the clinic and hospital for the first 12 months; the remaining time will be spent in clinic and completing a master's thesis. The resident will receive a graduate stipend of \$30,000 per year, with tuition reduced to \$25 per semester plus student activity/health/technology fees. The Department of Urology covers the cost of textbooks and liability insurance. The resident must meet criteria for the MCG School of Graduate Studies and the master of science degree program.

The residency program includes rotations at MCG and the Department of Veterans Affairs Medical Center in Augusta.

For more information about the program, contact:

Sara Haddow-Reffett, PA-C
Medical College of Georgia
Physician Assistant Department
1120 15th Street, AE-1032
Augusta, GA 30912
Telephone: (706) 721-3246
E-mail: shaddow@mcg.edu

For an application, visit www.mcg.edu/admissions or call or write:

Office of Academic Admissions
170 Kelly Building
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725 or (800) 519-3388
E-mail: gradadm@mcg.edu
Web site: www.mcg.edu/admissions

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[Career Opportunities in Health Science](#)

Radiologic Sciences

- [General Admission Requirements](#)
- [Course Prerequisites](#)
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Career Information:

- [Bachelor of Science](#)
- [Bachelor of Science Degree Completion Program](#)
For Students Certified in a Radiologic Science
- [Certificate Programs](#)
In Diagnostic Medical Sonography, Nuclear Medicine Technology and Radiation Therapy
- [Master of Health Education \(M.H.E.\)](#)
Education degree program for allied health and related health professionals.

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Catalog 2003-2004

[Course Descriptions](#)**Additional Links:**[Research](#)[Library](#)[Faculty](#)

General Admission Criteria

[Traditional 2+2 Transfer Program](#)

[Program for Certified Technologists](#)

[Certificate - Nuclear Medicine Technology](#)

[Certificate - Radiation Therapy Technology](#)

[Certificate - Diagnostic Medical Sonography](#)

Traditional 2+2 Transfer Program

Admission is based on the applicant's prior academic performance at the college level, personal interviews, and assessment of personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.3 (on a 4.0 scale) on all previous college work is required for consideration.
3. Two letters of recommendation are required.
4. A minimum of eight hours of documented observation in the radiologic discipline selected as a major is required prior to, or concurrent with, application. For double majors, eight hours of observation in each discipline is required. Documentation is to be submitted directly to the department and must be submitted on facility letterhead and signed by an authorized agent of the facility where the observation was conducted.
5. Interviews are by invitation only.
6. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#). Applications should be received by April 1 for priority consideration, but applications will be processed until the class is filled.

Program for Certified Technologists

Admission is based on the applicant's prior academic performance at the college level, personal interviews, and assessment of personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.3 (on a 4.0 scale) on all previous college work is required for consideration.
3. Two letters of recommendation are required. For recent graduates from radiologic programs, one reference must be from a faculty member of the radiologic program.
4. Applicants must be certified by the appropriate organization (ARRT/NMTCB/ARDMS) and have active standing as a registrant. A copy of the current registration card must be submitted to the department. For applicants who could not sit for the certification exam prior to enrollment at MCG, registry eligibility may meet admission requirements. In such cases, certification becomes a requirement for graduation from MCG, with the block of professional hours held in escrow until certification is satisfied.
5. Interviews are by invitation only.
6. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#). Applications should be received by April 1 for priority consideration, but applications will be processed until the class is filled.

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Core Curriculum for Radiologic Sciences

Courses to Take the First Two Years

The courses required to graduate from MCG comprise a core curriculum divided into six categories (Areas A-F). The options for completing these prerequisites for transfer to MCG are listed below.

A. Essential Skills	9 semester hours
<ul style="list-style-type: none"> English Composition I (3 hours) English Composition II-Literature based (3 hours) College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours) 	
B. Institutional Options**	4 - 5 semester hours
<ul style="list-style-type: none"> Introduction to Computers Critical Thinking Creative Writing Ethics Health and Wellness Statistics Economics Speech Any approved guided elective from Area F 	
C. Humanities and Fine Arts**	6 semester hours
<ul style="list-style-type: none"> Ethics Fine and Applied Arts Foreign Language Speech, Oral Communications World Literature Philosophy Drama, Art or Music Appreciation Logic Electives in Humanities and Fine Arts 	
D. Science, Mathematics and Technology	10 - 11 semester hours

One eight-hour laboratory course sequence in chemistry, biology or physics and an additional course in science, mathematics or technology.

E. Social Sciences**

12 semester hours

- United States History
- United States Government
- Psychology
- Sociology
- Anthropology
- Group Process
- Human Development
- Social Problems
- Racial and Ethnic Minority Groups

F. Courses Appropriate to the Major

18 semester hours

- Anatomy and Physiology I and II w/labs 8 hours
- Physical Science/Physics w/lab* 4 hours
- Guided electives 6-10 hours
Math, Science, Computers, Business Management, Education, Health Professions, Speech, Statistics.

Notes: For D.M.S. and R.Th. majors, at least one physics or physical sciences course with lab is required. For N.M.T. majors, at least one general chemistry (inorganic) course with lab and statistics are required and physics or physical science is strongly recommended. For dosimetry majors, a two-course sequence in physics with lab is required. If these courses are not taken in Area D, they must be taken in Area F. For R.Th. and dosimetry majors, precalculus is preferred in Areas A, D or F.

* If this is taken in another area of the core, the hours would be taken in additional guided electives.

** If a student planning to transfer to MCG from another school in the University System of Georgia has completed this area with courses taken there or at another institution from which MCG accepts transfer credit, MCG will accept the area as satisfied. A student planning to transfer from a school not in the University System of Georgia should choose from the list of courses.

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October 21, 2003

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Respiratory Therapy

[General Admission Requirements](#)

[Course Prerequisites](#)

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Print Career Information:

- [Bachelor of Science](#)
- [Bachelor of Science Degree Completion Program](#)
For Registered Respiratory Therapists
- [Master of Health Education \(M.H.E.\)](#)
Education degree program for allied health and related health professionals.

[Respiratory Therapy Home Page](#)

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August 25, 2003

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General Admission Criteria

Traditional 2+2 Transfer Program

Admission is based on the applicant's prior academic performance at the college level, personal interviews, and assessment of personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.5 (on a 4.0 scale) on all previous college work and an average of at least 2.5 on math and science courses are required for consideration.
3. Two letters of recommendation are required.
4. Interviews are by invitation only.
5. Current CPR and first aid certification is required prior to enrollment. CPR for Professional Rescuers is strongly recommended.
6. Applicants are required to shadow respiratory therapists at health care facilities in their area to increase their awareness of the profession.
7. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

Applications for admission are encouraged by April 1, but will continue to be processed until the class has been filled or until July 1, whichever comes sooner.

Program for Advanced Career Track (ACT) Registered Respiratory Therapists

Admission is based on the applicant's prior academic performance at the college level and personal interviews.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or

- university.
2. A grade point average of at least 2.5 (on a 4.0 scale) on all previous college work and an average of at least 2.5 on math and science courses are required for consideration.
 3. Two letters of recommendation are required.
 4. Interviews are by invitation only.
 5. Current CPR and first aid certification is required prior to enrollment. CPR for Professional Rescuers is strongly recommended.
 6. Proof of NBRC credentials as a Registered Respiratory Therapist (RRT).
 7. Applicants who first language is not English must submit official TOEFL scores. A minimum score of 550 is required for admission consideration.

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#). Applications must be received no later than 60 days prior to the registration date of the first semester.

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Please email comments, suggestions or questions to:
Admissions, underadm@mcg.edu

May 23, 2002

[Information for Prospective Students](#)

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Additional Information Links

[Multicultural Affairs and](#)[Summer Programs](#)[MCG Catalog](#)[Housing](#)[Student Financial Aid](#)

Core Curriculum for Respiratory Therapy

Courses to Take the First Two Years

The courses required to graduate from MCG comprise a core curriculum divided into six categories (Areas A-F). The options for completing these prerequisites for transfer to MCG are listed below.

A. Essential Skills	9 semester hours
<ul style="list-style-type: none"> English Composition I (3 hours) English Composition II-Literature based (3 hours) College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours) 	
B. Institutional Options**	4 - 5 semester hours
<ul style="list-style-type: none"> Introduction to Computers Critical Thinking Creative Writing Ethics Health and Wellness Statistics Economics Speech Any approved guided elective from Area F 	
C. Humanities and Fine Arts**	6 semester hours
<ul style="list-style-type: none"> Ethics Fine and Applied Arts Foreign Language Speech, Oral Communications World Literature Philosophy Drama, Art or Music Appreciation Logic Electives in Humanities and Fine Arts 	
D. Science, Mathematics and Technology	10 - 11 semester hours

One eight-hour laboratory course sequence in biology, chemistry or physics and an additional course in mathematics, science or technology.

E. Social Sciences**	12 semester hours
-----------------------------	--------------------------

- United States History
- United States Government
- Psychology
- Sociology
- Anthropology
- Group Process
- Human Development
- Social Problems
- Racial and Ethnic Minority Groups

F. Courses Appropriate to the Major	18 semester hours
--	--------------------------

- Anatomy and Physiology I and II w/labs 8 hours
- Microbiology 4 hours
- Guided electives 11-18 hours
Biology* (for majors), Chemistry* (for majors), Research Methods, Human Development, Physics, Statistics

* If this is taken in another area of the core, additional hours would be taken in additional guided electives to a total of 18 semester hours.

** If a student planning to transfer to MCG from another school in the University System of Georgia has completed this area with courses taken there or at another institution from which MCG accepts transfer credit, MCG will accept the area as satisfied. A student planning to transfer from a school not in the University System of Georgia should choose from the list of courses.

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[Medical College of Georgia](#)

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October 21, 2003

[General Admission Requirements](#)

[Courses to Take the First Two Years](#)

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[Contact an Admissions Counselor](#)

An Admissions Counselor will be glad to answer your questions via e-mail or to give you a call. Please include your complete telephone number in message.

[Respiratory Therapy Home Page](#)

[Graduate Education Opportunities for Respiratory Therapy](#)

Additional Information Links

- [MCG Catalog](#)
- [Multicultural Affairs and Summer Programs](#)

Visiting the Medical College of Georgia

- [Sign Up for a Visit to Campus](#)

[Career Opportunities in Health Science](#)

Respiratory Therapy

Bachelor of Science

[Print Version](#) (4 page PDF file)

The MCG Respiratory Therapy Program

The Medical College of Georgia grants a bachelor of science degree in respiratory therapy. This is a 2+2 program, meaning the student completes the first two years at any accredited college or university of choice, and the last two years on MCG's campus. All 2+2 students begin the program fall semester after completing the general core curriculum in areas A-F (see [Courses to Take the First Two Years](#)). MCG's program consists of five semesters and includes classroom and clinical education.

The percentage of respiratory therapists with higher degrees has increased considerably since 1992. In 2000, nearly one-fourth of all respiratory therapists had a bachelor's or graduate degree. Graduates with a bachelor's degree are highly marketable for lucrative positions.

Respiratory Therapy: A Life-and-Breath Career

Respiratory therapists provide direct care for patients with cardiopulmonary disease and other disorders requiring life-support technologies. Patients range from newborns to the elderly. In the hospital, respiratory therapists assist physicians by assessing the patient's condition, planning and initiating treatment and providing patient education. Treatments include oxygen and humidity therapy, chest physical therapy, cardiopulmonary resuscitation and state-of-the-art life support technologies. Respiratory therapists also obtain and analyze arterial blood samples to evaluate and optimize patient oxygenation and ventilation and evaluate cardiopulmonary function using specialized equipment.

A Multi-Skilled Profession

Respiratory therapy requires manual skills and a broad range of cognitive capabilities. Respiratory therapists' relative autonomy demands a high degree of responsibility and professionalism. Their significant patient contact requires empathy, interpersonal skills, communication and the ability to collect, evaluate and synthesize patient information. Therapies are based on strong patient assessment, highly technical skills requiring good manual dexterity and mechanical aptitude to perform them safely and acceptably.

Related interests may include physician assistant, nursing, physical therapy, occupational therapy, and radiologic sciences.

Career Options Abound

MCG graduates are eligible to take national credentialing exams from the National Board for Respiratory Care, leading to designations of certified and registered respiratory therapist, certified and registered pulmonary function technologist and competency recognition as a perinatal/pediatric respiratory care specialist. These credentials are recognized nationally and internationally. First-time pass rates for MCG graduates are

- [Augusta Map/Driving Directions](#)
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Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



well above the national average.

Most respiratory therapists work in acute-care hospitals, but roles outside the traditional work setting are rapidly growing. Career opportunities include education, research and patient care in clinics, skilled nursing or long-term acute-care facilities and physicians' offices. Therapists with a bachelor's degree can work as disease or case managers, clinical educators, supervisors, departmental directors, medical equipment marketers, clinical or education specialists and pharmaceutical representatives.

Because of an acute shortage of registered therapists, the job market is excellent. The number of full-time employee positions has increased by almost 40,000 since 1992, according to the American Association for Respiratory Care. Demand for respiratory therapists is expected to increase much faster than the national average for other occupations through 2006, with particular demand in the Southeast.

Excellent Earning Potential

Registered therapists assume considerable responsibility and command high salaries. The mean annual salary for respiratory therapists in 2000 was \$40,809. The mean salary for experienced respiratory therapists ranges from \$50,000 to \$70,000 depending on job responsibilities, education and location. Private industry offers particularly lucrative career opportunities.

General Admissions Criteria

Admission is based on college grade point average, completion of the 60-hour academic core from a regionally accredited institution, personal interview, references and assessment of professional qualities needed to successfully complete the program. Admission criteria include a minimum overall GPA of 2.50 and math/science GPA of 2.50; current cardiopulmonary and first aid certification; and a minimum TOEFL score of 550 (paper based) or 213 (computer-based) and TSE-P score of 45 for applicants whose first language is not English. Completion of the CPR for Professional Rescuers course is strongly recommended. Job shadowing is required prior to enrollment. Emphasis should be placed on shadowing therapists in critical care areas. Computer literacy is also expected.

Financial Aid and Scholarships

Financial aid and other assistance is available. MCG participates in all federal student aid programs as well as state and private programs. Educational assistance may be available for respiratory therapy students who want to work in rural Georgia.

MCG helps students fund their education through grants, scholarships, loans, a service commitment program and/or employment. MCG students are very competitive for national, regional and local scholarships for the first and second year.

Estimated Full-Time Academic Expenses

	<i>Tuition</i>	<i>Fees</i>	<i>Books/Supplies/Other</i>
Per semester	\$1,604*	293	800**

* Non-residents of Georgia pay an additional \$4,812 tuition per semester. Residents of Aiken and Edgefield counties in South Carolina and Russell and Lee counties in Alabama receive a waiver of non-resident tuition.

** Costs vary by major. Please check with your department for details.

(Costs are for 2003-2004. All tuition charges, board, room rent or other charges are subject to change at the end of any academic term.)

Academic Common Market

The MCG Department of Respiratory Therapy participates in the Academic Common Market. Students from Delaware, South Carolina and Virginia may petition their home state to learn whether they qualify for in-state tuition at MCG.

Accreditation

Committee on Accreditation for Respiratory Care
1248 Harwood Road
Bedford, Texas 76012-4244
(817) 283-2835

When and How to Apply

This is a transfer program that requires applicants to attend another accredited college or university of their choice to complete the required core curriculum courses (refer to the Courses to Take the First Two Years section). During their sophomore year, students can apply for transfer admission to MCG. Accepted applicants will transfer fall semester to begin their junior year.

Applications received on or before April 1 will be given priority consideration. Applications must be received by June 1.

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725 or 1-800-519-3388
E-mail: underadm@mcg.edu
Web site: www.mcg.edu/admissions

Frequently Asked Questions

Do I need to complete all my academic core courses before entering the program?

No. We can consider your application before you have completed all of the academic core prerequisites. Follow the guidelines in the application to indicate when you took or plan to take the academic core prerequisites. Make sure the courses you will need will be offered the semester you plan to take them.

Applicants who have not completed all academic core prerequisites may be offered provisional acceptance pending satisfactory completion of prerequisites.

Can I attend the program part time?

No. The 2+2 program is full time.

Can I work part time while in the program?

We highly recommend that students not work while attending the program full time. Our program is very demanding. Classes and clinics generally meet during the day Monday through Friday. Periodic clinical assignments may be assigned evenings and weekends. The Office of Student Financial Aid is very helpful in finding alternative funding sources. Also, many hospitals and businesses may provide financial assistance in return for a specified amount of time spent working at their facility. You should identify these resources and treat them as you would any employment contract by determining your willingness to work at their facility, assessing the terms and comparing them to other financial aid opportunities.

What do you mean by proof of certification in CPR and first aid?

We require a copy of your card validating CPR certification through your first semester on campus and proof that you have completed a first aid course. The course need not be completed before you apply, but you must submit the information before admittance. We strongly recommend the American Heart Association's CPR program for health care providers. CPR certification is required for all clinical rotations.

What about my references?

MCG requires two references for admission. We prefer recent academic, clinical or employment references.

What if I take U.S./American History and American Government courses in a college outside of Georgia?

The U.S. History and U.S. Government legislative requirements will be satisfied; however, the Georgia History and Georgia Constitution legislative requirements will not be. Georgia also requires the Regents Exam for reading and essay. These requirements can be satisfied by exam after enrollment at MCG, but should be satisfied prior to MCG enrollment if you are transferring from another institution in the University System of Georgia.

I took some of my courses a long time ago. Will I have to retake any of these courses?

Probably not. Depending on the accreditation of the school you attended, most of the core courses should transfer if they match the current core descriptions. This will be determined when the transcripts are officially evaluated by the Office of Academic Admissions.

I have a bachelor's degree in another field. Do you have a graduate program that may fit my aspirations in respiratory therapy?

Yes. MCG's graduate programs in respiratory therapy leading to a master of health education or master of science degree may be taken

concurrently with the 2+2 program. This concurrent program is designed for students with a bachelor's degree in another field. Applicants must satisfy both the undergraduate and graduate prerequisites. After completing the 2+2 curriculum, students will be awarded their bachelor's degree. Generally, students must complete at least two additional semesters to earn their master's degree.

Information for Prospective Students

Medical College of Georgia

Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](#)

August 25, 2003

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[Courses to Take the First Two Years](#)

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[Respiratory Therapy Home Page](#)

[Graduate Education Opportunities for Respiratory Therapy](#)

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- [MCG Catalog](#)
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Respiratory Therapy

Bachelor of Science

Degree Completion for Registered Respiratory Therapists

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Advancing Your Career

The Medical College of Georgia Advanced Career Track (ACT) Bachelor of Science Program enables certified and registered respiratory therapists to earn a bachelor's degree in the field with minimal disruption to their lives and livelihoods. A bachelor's degree can increase a therapist's base pay and enhance competitiveness for positions such as disease or case manager, clinical educator, supervisor, departmental director, medical equipment marketer, clinical specialist and pharmaceutical representative.

The percentage of respiratory therapists with higher degrees has increased considerably since 1992, according to a 2000 study of the American Association for Respiratory Care. Today, approximately a fourth of respiratory therapists have a bachelor's or graduate degree. Average salaries for experienced respiratory therapists range from \$50,000 to \$70,000, depending on job responsibilities, education and location. The field is particularly lucrative in private industry.

The MCG Difference

The ACT program enables working individuals to earn a degree through flexible scheduling with a curriculum individually tailored to the student's interests, needs and background. The program has a low student-to-teacher ratio and strongly emphasizes professional and academic growth.

The ACT program requires only 30 semester hours at MCG for most registered respiratory therapists with an associate degree. The length of the program may vary depending on the student's experience and the number of general education courses needed. Course work includes lectures, Web-based learning, individualized independent study and clinical training in such diverse areas as perinatal/pediatrics, burn care, pulmonary functions and diagnostic sleep studies.

General Admission Criteria

Admission is based on college grade point average, personal interview, references and assessment of professional qualities needed to successfully complete the program. Admission criteria include current National Board for Respiratory Care credentials as a certified or registered respiratory therapist; a minimum overall GPA of 2.50 and math/science GPA of 2.50; current cardiopulmonary resuscitation and first aid certification; and a minimum TOEFL score of 500 and TSE-P score of 45 for applicants whose first language is not English. Completion of the CPR for Professional Rescuers course is strongly recommended. Computer literacy is also expected.

Professional Licensure Credit

- [Augusta Map/Driving Directions](#)
- [Campus Map/Virtual Campus Tour](#)

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



Comments from ACT Students

"The ACT program at MCG has enhanced my professional career by increasing my marketability with a higher degree. Because of the flexibility, I was able to tailor the curriculum to fit my needs."

-*Juan Reyes*

"The ACT program at MCG allowed me the opportunity to further my education in respiratory therapy while receiving my B.S. degree. The curriculum allowed me flexibility with class choices and also the opportunity to gain valuable knowledge and improve my clinical skills, making me more professionally marketable as an RT."

-*Moszella Paige*

"The MCG ACT program provided opportunity and flexibility, allowing use of my military occupational skill. This program, through its design,

Upon successful completion of the academic and professional requirements established by the Department of Respiratory Therapy and the Medical College of Georgia, the following upper-division courses will be credited by proof of successful completion of the Registered Respiratory Therapist (RRT) exam, the advanced practice exam administered by the National Board for Respiratory Care (NBRC):

- RTH 3199 Medical Terminology (1)
- RTH 3205 Fundamentals of Respiratory Care I (6)
- RTH 3207 Fundamentals of Respiratory Care Lab (2)
- RTH 3305 Fundamentals of Respiratory Care II (3)
- RTH 3212 Respiratory Care Pharmacology (3)
- RTH 4650 Respiratory Care Seminar (1)
- RTH 3320 Clinical I (2)
- RTH 4521 Clinical II (5)
- RTH 4622 Clinical III (2)
- RTH 4623 Clinical IV (5)

Total credit: 30 semester hours

Financial Aid and Scholarships

Financial aid and other assistance is available. MCG participates in all federal student aid programs as well as state and private programs. Educational assistance may be available for respiratory therapy students who want to work in rural Georgia.

MCG helps students fund their education through grants, scholarships, loans, a service commitment program and/or employment. MCG students are very competitive for national, regional and local scholarships for the first and second year.

Estimated Full-Time Academic Expenses

	<i>Tuition</i>	<i>Fees</i>	<i>Books/Supplies/Other</i>
Per semester	\$1,604*	293	800**

* Non-residents of Georgia pay an additional \$4,812 tuition per semester. Residents of Aiken and Edgefield counties in South Carolina and Russell and Lee counties in Alabama receive a waiver of non-resident tuition.

** Costs vary by major. Please check with your department for details.

(Costs are for 2003-2004. All tuition charges, board, room rent or other charges are subject to change at the end of any academic term.)

Academic Common Market

The MCG Department of Respiratory Therapy participates in the Academic Common Market. Students from Delaware, South Carolina and Virginia may petition their home state to learn whether they qualify for in-state tuition at MCG.

Accreditation

Committee on Accreditation for Respiratory Care
1248 Harwood Road
Bedford, Texas 76012-4244

allowed me to reach my goals in higher education through an individually designed manner. This program has enhanced my professional skill level and increased my job marketability."

-Doug Middlebrooks

(817) 283-2835

When to Apply

ACT students may start course work at the beginning of any MCG academic semester. Individuals may apply after successfully completing their certified respiratory therapist or registered respiratory therapist credential. A complete application must be received no later than 30 days prior to the registration date of the semester of desired first enrollment. Earlier application is encouraged.

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725 or 1-800-519-3388
E-mail: underadm@mcg.edu
Web site: www.mcg.edu/admissions

Frequently Asked Questions

Is there an application deadline?

No. ACT students may apply at any time. However, you should apply at least one month before the beginning of the semester in which you plan to attend.

Do I need to complete all of my core courses before entering the program?

Yes. The core requirements must be completed before you can be admitted to the ACT Program. However, application can be made prior to completion of the core. Therefore, students are encouraged to apply early to allow for review of their current academic status. Early acceptance (or guaranteed acceptance) can be offered contingent upon an applicant's completion of the 60 hours of academic core.

If you are interested in the ACT Program, you are encouraged to contact the MCG Respiratory Therapy Department as soon as possible. We will provide counseling in regard to eligibility requirements.

Can I attend the program part-time?

Yes. Various courses are offered each semester at MCG for students to take on campus. Other courses are offered via the web as web-based learning. The web-based courses are designed to require no or minimal travel to the MCG campus during the semester. Therefore, ACT students who wish to earn their bachelor's degree part-time can do so with minimal impact to their current jobs and family life. The ACT program is designed so that full-time students will complete the program in as few as three semesters and part-time students who take five credit hours per semester can complete the program in six semesters.

What do you mean by proof of certification in CPR and first aid?

We require a copy of your card validating CPR certification through your first semester on campus and proof that you have completed a first aid course. The course need not be completed before you apply, but you must submit the information before admittance. We strongly recommend the American Heart Association's CPR program for health care providers. CPR certification is required for all clinical rotations.

What about my references?

MCG requires two references for admission. We prefer recent academic, clinical or employment references.

Can I get credit for the courses I took in my previous respiratory therapy program?

The B.S. program requires 60 hours of academic core and 60 hours of professional core. Credit toward the professional core is given for your professional credential; we award 30 hours for the RRT credential. Most students who earn their RRT credential through an associate program will already have completed at least 30 hours of the academic core and many will have earned much more. Depending on the accreditation of the college you attended, these courses may transfer as academic core courses. Upon application and receipt of your official transcripts, a transcript evaluation will be performed by the MCG Office of Academic Admissions and forwarded to you and our department.

What if I take U.S./American History and American Government courses in a college outside of Georgia?

The U.S. History and U.S. Government legislative requirements will be satisfied; however, the Georgia History and Georgia Constitution legislative requirements will not be. Georgia also requires the Regents Exam for writing and essay. These requirements can be satisfied by exam after enrollment at MCG.

I haven't been in school for a long time. Will I have to retake any courses?

Probably not. Depending on the accreditation of the college you attended, most of the core courses should transfer if they match the current core descriptions. This will be determined when the transcripts are officially evaluated by the Office of Academic Admissions.

I am a certified respiratory therapist (CRT). Can I attend the ACT Program?

Applicants for the ACT Program must have the registered respiratory therapist (RRT) credentials from the National Board for Respiratory Care (NBRC). CRTs who complete the academic core may be eligible to sit for the RRT exam. CRTs are encouraged to check on their RRT eligibility with the NBRC.

Information for Prospective Students

Medical College of Georgia

Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](#)

August 25, 2003

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[Academic Admissions Home](#) [A-Z Index](#) [MCG](#)

[Home](#)

International Students

In addition to documentation required of all applicants to undergraduate and graduate programs, international applicants to undergraduate and graduate programs are also required to submit the following:

1. International applicants who were educated outside the United States must submit professional course-by-course evaluations of all foreign educational documents. You may choose to have your academic records evaluated by any of the following three credentials evaluation services, at your cost (generally \$100-\$125):

- [Josef Silny & Associates, Inc.](#)
- [World Education Services \(WES\)](#)
- [Educational Credential Evaluators, Inc. \(ECE\)](#)

2. International applicants must request that MCG receive official results from the [Test of English as a Foreign Language](#) (TOEFL), if English is not your first language.*

- A score of at least 550 (paper-based) or 213 (computer-based) is required to be considered for most undergraduate programs. (For undergraduate Physician Assistant admission, scores of at least 600 (paper-based) or 250 (computer-based) on TOEFL and at least 50 on TSE-P are required.) Achievement of minimum scores does not guarantee admission.
- A score of at least 600 (paper-based) or 250 (computer-based) on TOEFL is required to be considered for most graduate programs. Achievement of minimum scores does not guarantee admission.

*Exemption from the TOEFL requirement is allowed for **undergraduate** transfer students who satisfy **at least one** of the following four criteria:

- Complete English Composition I and II at a regionally accredited U.S. college or university and earn at least a 2.5 grade point average (on a 4.0 scale) on the two courses, with neither grade below a "C"
- Submit a score of at least 430 on the Verbal portion of the Scholastic Assessment Test (SAT-I)
- Take and pass both the Reading and Essay portions of the University System of Georgia's Regents Exam
- Submit proof of earning a baccalaureate degree from a regionally accredited U.S. college

or university.

3. International applicants must provide proof that funds for at least one academic year are available to you for tuition, fees, living expenses including room and meals, health insurance, local transportation, books and supplies. This requirement must be met before a Form I-20 or Form DS-2019 can be issued. Proof of availability of funds requires the completion of MCG's Certificate of Finances form, available from the Office of Student Diversity. The Certificate of Finances form documents both the availability of funds and your sponsor's willingness to support you in the amount designated by the university.

- If your spouse and/or children will accompany you, proof of support for these dependents is also required.
- All official, original financial documentation must be reported in U.S. dollar amounts or U.S. dollar equivalency. [NOTE: To convert your currency into U.S. dollars, visit [OANDA](#), The Currency Site.]
- Certifications of employment, letters of credit or bank letters that do not state the exact amount in the account are not acceptable.
- Original documents become the property of MCG.
- Financial documents must be no more than one year old by the date of MCG enrollment.
- Financial support may come from more than one source.
- Financial information will not be used in the admissions decision.

4. International students who are currently in the United States are required to provide copies of all immigration documents prior to MCG enrollment. International students who are or were previously enrolled as students in the United States may be required to provide documentation from their current and/or former colleges or universities.

5. International applicants to the Ph.D. Program in Biomedical Sciences are required to complete and submit a [Pre-Application](#) prior to submitting other admissions documentation.

[Academic Admissions](#) | [Medical College of Georgia](#)

Medical College of Georgia

University System of Georgia M.D./Ph.D. Program

[A-Z Index](#) | [MCG Home](#)[General Information](#)[Programs of Study](#)

Research Opportunities

- [Medical College of Georgia](#)
- [University of Georgia](#)
- [Georgia Institute of Technology](#)
- [Georgia State University](#)

[Frequently Asked Questions](#)[M.D./Ph.D. Application](#)

The Medical College of Georgia (MCG), in conjunction with the University of Georgia at Athens (UGA), Georgia Institute of Technology, and Georgia State University, offers a program leading to a combined M.D./Ph.D. degree. Applicants are not required to be Georgia residents and applications from non-residents are encouraged. **Out of state applicants should send their applications and references to the address on the bottom of the M.D./Ph.D. application.** This will ensure follow-up with the School of Medicine. The program is designed to train physician-scientist as both excellent clinicians and critically trained scientists. This program is directed toward those select individuals focused on preparation for careers as biomedical investigators. Students complete all of the normal requirements of the Medical College of Georgia for the M.D. degree. The Ph.D. degree can be earned in any of the degree-granting biomedical science departments of the Medical College of Georgia, Georgia Institute of Technology, the University of Georgia, or Georgia State University.

The M.D./Ph.D. program normally requires seven years of study. Students entering the program complete the standard two-year preclinical program at the Medical College of Georgia. Many of the preclinical medical school courses also earn graduate credit for the M.D./Ph.D. students. During the summer between the first and second years, students perform laboratory rotations at one of the four research campuses. Choices for laboratory rotations are made by students in consultation with program advisers. Following the preclinical years, students enter graduate training at one of the four graduate campus sites. Students are required to complete all of the normal Ph.D. requirements, including preliminary exams, thesis, and defense. Continued mentored clinical experiences are arranged for students during their Ph.D. years

on an individualized basis according to the specific interests. Following the completion of graduate studies, students complete the clinical requirements for their M.D. degree. Throughout the program years, students participate in special M.D./Ph.D. seminars, including a series of bimonthly sessions with graduates of dual-degree programs from around the country.

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Please email comments, suggestions or questions to:
Becky Click, rclick@mcg.edu.

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November 19, 2003

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An Admissions Counselor will be glad to answer you questions via e-mail or to give you a call. Please include your complete telephone number in message.

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- [MCG Catalog](#)
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- [Campus Map/Virtual Campus Tour](#)

[Career Opportunities in Health Science](#)

Oral Biology

Master of Science

Doctor of Philosophy

[Print Version](#) (1 page PDF file)

The Department of Oral Biology and Maxillofacial Pathology offers master of science and doctoral degrees. The program's goals are to:

- provide original clinically relevant research opportunities applying the scientific method to an oral health problem and
- provide graduate-level didactic instruction in the basic sciences applicable to diagnosing and treating dental patients.

Both the research component and didactic instruction enhance the understanding of the clinical courses presented in the dental specialty residency programs.

Admission Requirements

- D.D.S., D.M.D. or equivalent degree
- GPA of 3.0 or higher
- GRE score of 900 or higher (sum of verbal and quantitative) for M.S. or 1000 or higher for Ph.D. or completion of Dental National Board, Part I and II with an average score of 80 percent or above
- TOEFL score of at least 550 paper-based or 213 computer-based (if first language is not English)
- Three letters of recommendation

Combined M.S./D.M.D. and Ph.D./D.M.D. programs require admission to the School of Dentistry as a dental student. At the end of the second year of dental school, the student begins a three-year (Ph.D.) or two-year (M.S.) course of study working toward the graduate degree requirements. The student then re-enters the dental school to complete the D.M.D. degree requirements.

For more information about the program call (706) 721-2526, e-mail gradadm@mail.mcg.edu or visit our website <http://www.mcg.edu/GradStudies/goralbio.htm>

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725
Toll free: 1-800-519-3388
Fax: (706) 721-7279
E-mail: gradadm@mail.mcg.edu
Web site: www.mcg.edu/admissions

For more information about health-related career opportunities, visit www.mcg.edu/admissions.

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Carol Nobles, [Academic Admissions](#)

July 31, 2003

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Biostatistics[Home Page](#)[Statistical Consultancy Service](#)[Fees for Services](#)[Departmental Faculty](#)[Departmental Staff](#)

Academic Programs

- [M.S. Program in Biostatistics](#)

- [Service Courses](#)

[Related Links](#)**Contact Information:**[James K. Dias, Ph.D.](#)Associate Professor,
AcademicProgram Director, and
Interim Chairman

Department of Biostatistics

Medical College of Georgia
1120 15th Street, (AE-3024)
Augusta, GA 30912-4900
Dept. Phone: (706) 721-3785

Dept. FAX: (706) 721-6294

Hours: 8:30 a.m. 5:00 p.m.

Academic Programs

Master of Science in Biostatistics

Objective:

The main objective of the Department of Biostatistics' graduate program is to produce MS level Biostatisticians able to consult, at the staff level, with medical and health researchers. The MS program is designed to be an intensive exposure to the wide range of ideas, methodology and techniques needed to perform as a staff-level statistician in the areas of designing and collecting data from experiments, observational studies, and clinical trials; and analyzing and reporting such data, with the aim of extracting information from these data stored in various forms. The application focus is on medicine, nursing, allied health, laboratory science and other biological disciplines. The two-year program comprises three parts: a core set of didactic courses that all students take; one module of three courses from the set of elective modules (epidemiology, bioinformatics, statistical genetics, or clinical trials module), and a thesis on a research topic. For the MS degree in Biostatistics, a minimum of 37 semester credits and a minimum of six thesis credits (43 total) are required. The degree inscription, which will be placed on the student's degree upon his/her completion of this program of study, is Master of Science in Biostatistics.

The program seeks to produce individuals well-qualified to operate at the staff level in the discipline of statistics as applied to supporting collaborative research in the disciplines of medicine, nursing, allied health, laboratory science, and other disciplines allied to medicine. A second important objective is to contribute toward the Medical College of Georgia's (MCG) move toward becoming a premier health research institution by establishing a postgraduate educational presence in a support area of ongoing and increasing importance.

This MS program is specifically focused on statistics as a support to medicine and disciplines allied to it. This distinguishes it from the majority of other postgraduate statistics programs. It would enable students to develop a rewarding career.

Five stipends of \$12,000 per year may be awarded to students

accepted to the program who meet all requirements at an exemplary level.

At present, there are six full-time faculty members and one Professor Emeritus in the Department of Biostatistics. Two additional faculty members will be recruited for the program: an Assistant Professor and an Associate or Full Professor.

Need for Biostatisticians:

The current demand for biostatisticians far exceeds the supply and the gap is expected to continue to widen. This under supply results from a combination of burgeoning need and a relatively flat rate of graduating doctoral- and masters-level biostatisticians. A large proportion of the currently senior biostatisticians were trained in the late 1960's and early 1970's and were supported during the early stages of their careers by National Institute of Health (NIH) training initiatives. With this cohort approaching retirement over the next decade and the tremendous needs and opportunities, now is the time for training the next generation of biostatisticians.

Curriculum:

The MS program is designed to be an intensive exposure to the wide range of ideas, methodology and techniques needed to perform as a staff-level statistician in the areas of designing and collecting data from experiments, observational studies, and clinical trials; and analyzing and reporting such data, with the aim of extracting information from these data stored in various forms. The program focus is on medicine, nursing, allied health, laboratory science and other biological disciplines. The program comprises three parts: a core set of didactic courses that all students take; one module of three courses from the set of elective modules; and a thesis on a research topic.

Credit Hours:

For the MS degree, a minimum of 43 total semester credit hours (37 didactic course credits and a minimum of 6 thesis course credits) is required. A student will need a grade point average (GPA) of at least 2.8 for year one in order to proceed into year two of the program. The minimum GPA for graduation is also 2.8.

For more detailed information, click on the following links:

- [Curriculum Sequence](#)
- [Core Statistics Courses](#)
- [Elective Modules](#)
- [Thesis](#)
- [Other Requirements](#)
- [Checklist of Requirements](#)
- [Student outcomes associated with this program](#)
- [Department of Biostatistics Faculty Listing](#)
- [Desired qualifications of the students who will be recruited and admitted to the program](#)
- [Course Descriptions](#)

Curriculum Sequence:

YEAR ONE

Fall Semester (10 hrs)

- Introduction to Biostatistics (3 hrs)
- Probability & Distributions (3 hrs)
- Introduction to Epidemiology (3 hrs)
- Responsible Conduct of Research (1 hr)

Spring Semester (9 hrs)

- Linear Models I (3 hrs)
- Estimation & Hypothesis Testing (3 hrs)
- Experimental Design (3 hrs)

Summer Semester (9 hrs)

- Linear Models II (3 hrs)
- Time To Event Data Analysis (3 hrs)
- First course of elective module (3 hrs)

YEAR TWO

Fall Semester (6 hrs)

- Generalized Linear Models (GLMs) (3 hrs)
- Second course of elective module (3 hrs)

Spring Semester (6 hrs)

- Third course of elective module (3 hrs)
- Thesis Research (3 hrs)

Summer Semester (3 hrs)

- Thesis Research (3 hrs)

[Back to Links](#)

Core Statistics Courses:

The following list of one-semester-length courses comprises a set of core courses that all students must complete. They will be taught over four semesters. Students must complete all listed core courses (28 hrs) by the fall semester of year two.

- Introduction to Biostatistics (3 hr)
- Introduction to Epidemiology (3 hr)
- Probability & Distributions (3 hr)
- Linear Models I (3 hr)
- Estimation & Hypothesis Testing (3 hr)
- Experimental Design (3 hr)
- Time to Event Data (Survival Times) (3 hr)
- Linear Models II (3 hr)
- Generalized Linear Models (GLMs) (3 hr)
- Responsible Conduct of Research (1 hr)

[Back to Links](#)

Elective Modules:

The following list of modules comprises a set out of which a student must choose one module. They will take place in the first two semesters of the second year of the program. Each module is composed of three courses. Not all modules will be offered every year. Each module represents an important area of application of statistics in medical, nursing, allied health or biologically based research.

Epidemiology Module

- Demography (3 hr)
- Epidemic Modeling (3 hr)
- Systematic Reviews (3 hr)

Bioinformatics Module

- Statistical Models of Molecular Evolution and Phylogenetics (3 hr)
- Biological Sequence Analysis (3 hr)
- Analysis of Microarray Gene Expression Data (3 hr)

Genetics Module

- Mendelian Genetics (3 hr)
- Quantitative Genetics (3 hr)
- Medical Genetics and Genetic Epidemiology (3 hr)

Clinical Trials Module

- Clinical Trials – Design and Analysis (3 hr)
- Sequential Trials – Design and Analysis (3 hr)
- Systematic Reviews (3 hr)

[Back to Links](#)

Thesis:

To complete the MS program the student has to undertake a project and present a report on it in the form of a thesis. This work will take place after satisfactory completion of the didactic part of the program. After review of a list of projects, following discussion with the program director, the student will be assigned a project. An advisory committee of faculty will be set up to help with a plan of study, monitor progress and mentor the student through to the final submission and acceptance of the thesis as satisfying the requirements.

The thesis project for the MS program will be of two types:

1. Use of established but state of the art statistical tools to analyze and report on collected data sets.
2. A review possibly involving a small amount of methodological research of modern statistical tools of use, or of potential use, in applied biomedical research.

Listed below are some general areas of biostatistical research that we feel would benefit MCG and actual titles of some recent MS

theses from graduate programs at other institutions.

General areas with appropriate data or for review:

1. The analysis of genomic, proteomic, longitudinal, and clinical data, involving missing values.
2. The analysis of multivariate, survey research, and survival time data.
3. Reviews of topics in Generalized Linear Models (GLM's) including extensions such as mixed models and Generalized Estimating Equations (GEE) methods.
4. Reviews of topics in robust and resampling statistics, Markov Chain Monte Carlo (MCMC) estimation methods.
5. Analysis of data from studies of disease association, haplotype reconstruction with multiple loci, gene by environment interaction, linkage disequilibrium mapping, and population genetic attributable risk.
6. Spatial and temporal modeling of epidemics

[Back to Links](#)

Other Requirements:

1. All students will be required to attend meetings falling within the Statistical Consultancy Service of the Department, where faculty consult with researchers from other disciplines.
2. During the second year of the program, students will be required to support faculty of the Department in the teaching of statistics service courses for programs outside the Department, up to a maximum of two such courses per year.
3. Publicize the results of the research by means of seminars, conference presentations and articles in refereed journals.

[Back to Links](#)

Checklist of Requirements:

1. Program Entry Date (Semester/Year)
2. Major Advisor Selected
3. Advisory Committee Selected, Approved by Chair and submitted to School of Graduate Studies
4. Coursework Proposal Approved and Submitted to School of Graduate Studies
5. Research Proposal Approved and Submitted to School of Graduate Studies

6. Research Tool Requirement Fulfilled
7. Comprehensive Examination Passed
8. Admission to Candidacy
9. Obtained Thesis Instruction Booklet from School of Graduate Studies
10. Advisor Approved Draft of Thesis Submitted to Members of Advisory Committee (5 weeks before Final Oral Examination)
11. Signed Thesis Approval Form submitted to School of Graduate Studies, (3 weeks before Final Oral Examination)
12. Date of Final Oral Examination Scheduled and Approved by the School of Graduate Studies and Readers (2 weeks before Final Oral Examination)
13. Final Oral Examination Announcement Mailed
14. Final Oral Examination Passed
15. Three Final Copies of Thesis on Crane's Thesis Paper Submitted to School of Graduate Studies (1 week prior to graduation)
16. Completed Library Binding Form Submitted to School of Graduate Studies
17. Application for Graduation Submitted to School of Graduate Studies

[Back to Links](#)

Student outcomes associated with this program:

Graduates of the program should be readily able to find employment in the research areas of medicine, nursing, allied health, pharmaceutical industry and any biological based subject. It is possible that certain individuals would go on to a PhD program elsewhere. An important feature of the program would be a reservoir of students with expertise in the areas of applied mathematics, statistics and their associated computing, which could be utilized by MCG and other medical research facilities in various ways. These include replacing staff in these areas; supporting the internal non-funded and funded statistical consultancy and support services; as data managers on funded projects; and as a resource for supporting appropriate mathematical, statistical and computing.

[Back to Links](#)

Department of Biostatistics Faculty Listing:

David M. Smith, BA, MSc, PhD.

Director and Professor, Department of Biostatistics. Over thirty years experience as an academic and working as a statistician in medical and health related research both within and outside the health system. As an academic, experience teaching both graduate and undergraduate students, supervising, and mentoring graduate students. He has worked for pharmaceutical companies and university contract research organizations. He has ongoing programs of research both within statistics and within areas related to medicine, primarily laboratory experiments and clinical trials. Holder of professional certifications in the UK (Chartered Statistician) and Australia (Accredited Statistician).

William O. Thompson, BA, PhD.

Director and Professor Emeritus, Department of Biostatistics. Over thirty-five years of experience working as a statistician in academia, for the federal government, and in private industry. Supervised and mentored seven doctoral level students during that time in statistics and in disciplines related to the health sciences, and was a member of many doctoral and masters-level committees. Dr. Thompson developed the Department of Biostatistics and Bioinformatics (later it became the Department of Biostatistics) before accepting an early retirement program at MCG. Since then he has continued his work on funded research programs at MCG and serves as chief statistician for two small pharmaceutical companies.

James K. Dias, BS, MS, PhD.

Academic Program Director and Associate Professor, Department of Biostatistics. Over thirty years experience working as a statistical consultant for a medical university and research related to health, and extensive experience teaching both graduate and undergraduate students. Dr. Dias has experience in mentoring both statistics graduate students and students in several other disciplines. Ongoing program of statistical research within statistics and medically related areas, primarily community-based medical and psychiatric research, nursing and allied health.

Mark S. Litaker, BS, MS, PhD.

Associate Professor, Department of Biostatistics. Thirteen years experience working as a consultant in supporting medical research related to health at MCG. Ongoing program of research within medically related areas, primarily with the Georgia Prevention Institute, clinical groups, nursing and allied health. Extensive training in quantitative epidemiological methods. New program of statistical

research being developed.

Robert H. Podolsky, BS, PhD.

Assistant Professor, Department of Biostatistics. Eight years experience as a university teacher teaching both graduates and undergraduates. Undergraduate and graduate training in biology and genetics adds an extra dimension to Department's profile and expertise. Ongoing programs of research both within statistics and medically related areas, primarily genetic epidemiology, statistical genetics .

Jennifer L. Waller, BS, MSPH, PhD.

Associate Professor, Department of Biostatistics. Eleven years experience working as a consultant in supporting medical and health related research. Experience teaching both graduate and undergraduate university students. She has experience mentoring graduate students in areas other than statistics. Ongoing program of research within medically related areas, primarily with clinical groups, nursing and allied health. New program of statistical research being developed.

Maribeth H. Johnson, BS, MS.

Assistant Professor, Department of Biostatistics. Twenty years experience working as a consultant in supporting medical and health related research. Undergraduate and graduate training in biology and genetics adds an extra dimension to the Department's profile and expertise. Ongoing program of research within medical related areas, primarily with clinical groups, nursing and allied health.

[Back to Links](#)

Desired qualifications of the students who will be recruited and admitted to the program:

1. Possession of a baccalaureate (or higher) degree in a subject with a substantial mathematics content or possession of an baccalaureate or post-baccalaureate degree in other disciplines, provided at least two full semesters of mathematics, for example calculus, linear & matrix algebra, have been completed successfully as part of a degree program.
2. Minimum cumulative grade point average of 3.0

3. Computer literacy, i.e. familiarity with operating and using computers and software.
4. Evidence of financial support for the full length of the program.
5. Minimum Graduate Record Exam (GRE) general test score of 1000 (sum of verbal and quantitative sections)

Potential students include individuals with (or shortly to obtain) baccalaureate degrees with a substantial mathematical content and postgraduates. The recruitment of postgraduates would be encouraged. A person deficient in the required skills can undertake a course of study at Augusta State University, or some other alternative program, to remedy this deficiency.

[Back to Links](#)

Course Descriptions:

Introduction to Biostatistics

This course offers an introduction to the basic statistical techniques used to analyze and interpret data in the health sciences and related fields. Emphasis is on applications of these methods, with graphical methods, probability, discrete and continuous distributions, inferential statistics (estimation and hypothesis testing) for numeric and categorical data, non-parametric methods, analysis of variance, regression, and correlation.

Probability and Distributions

This course covers basic probability theory, the concepts of random variables, univariate and multivariate distributions, discrete and continuous joint, marginal, and conditional distributions in general. Several specific probability distributions are covered in detail: normal, binomial, multinomial, Student's t, F, chi-square. Expectation theorems, the law of large numbers, and the central limit theorem are also covered.

Introduction to Epidemiology

This course serves as an introduction to epidemiology. Topics include basic concepts, types of studies, description and analysis of epidemiologic data, and epidemiology in disease control.

Linear Models I

This course is a study of the general linear statistical model and the linear hypothesis. Topics include the multivariate normal distribution, distributions of quadratic forms, and parameter estimation and hypothesis testing for full-rank models, regression models, and less-than-full-rank models. Also included is a brief introduction to generalized linear models.

Estimation and Hypothesis Testing

Introduction to the theoretical properties of point estimators and tests of hypotheses. Sufficient statistics, likelihood, best linear unbiased estimates, elements of statistical tests, the Neyman-Pearson Lemma, UMP tests, univariate normal inference, decision theory and multivariate distributions are covered.

Experimental Design

This course covers the basic principles of experimental design. It covers the concepts of randomization, blocking, replication and interaction. Various designs are covered and their strengths and weaknesses are illuminated. These designs include factorials, complete and incomplete designs, Latin and Greco-Latin square designs, and split-plot designs. Confounding and fractional replication is also covered.

Linear Models II

This course is a continuation of Linear Models I, and covers the design and analysis of experiments using linear models. Single- and multiple- factor analysis of variance and analysis of covariance will be examined, including types of factor effects and analyses involving missing data.

Time to Event Data - Survival Analysis

This course serves as an introduction to time-to-event (survival) data analysis. Both theory and applications are covered and methods include non-parametric, parametric, and semi-parametric (Cox model) approaches.

Generalized Linear Models (GLMs)

This course serves as an introduction to Generalized Linear Models (GLMs). It instructs students in a unifying theory that combines the areas of linear models, non-linear models, regression, categorical

data, and analysis of variance.

Demography

This course introduces students to the basics of demographic estimation and analysis techniques.

Epidemic Modeling

This course serves as an introduction to types of epidemiological studies and covers modeling of various types of epidemics.

Statistical Models of Molecular Evolution and Phylogenetics

Introduction to modeling DNA and protein evolution and to reconstructing evolutionary relationships from DNA and protein sequences. Statistical models are applied to comparisons of DNA and protein sequences to make inferences about their common ancestry and past evolutionary events.

Biological Sequence Analysis

Introduction to statistical methods in the analysis of DNA and protein sequence data. This course exposes students to applications of statistical theory to assembling biological sequences, making inferences about single sequences, and comparing two or more sequences. Statistical foundations of BLAST tests are covered.

Analysis of Microarray Gene Expression Data

Introduction to modeling and analyzing expression data of microarrays. Methods of cluster analysis will be covered as ways to attempt to group genes of the same biochemical pathways together. Students will also learn to test hypotheses related to microarray designs, with emphasis on determining which genes are differentially expressed between two populations.

Mendelian Genetics

The analysis of frequencies of single Mendelian genes within populations including Hardy-Weinberg equilibrium, Non-random mating, Admixture/subdivision, Linkage equilibrium, election/mutation, Likelihood estimation, Latent variables and the EM algorithm, Pedigree analysis and genetic identity, Linkage analysis.

Quantitative Genetics

The statistical analysis of complex phenotypes. Topics to be covered are Genotypic value, genetic variance, and linear models, Environmental variance, Genotype by environment interaction, Threshold models and generalized linear mixed models, Mapping Quantitative Trait Loci (QTL), Variance component estimation.

Medical Genetics and Genetic Epidemiology

Advanced statistical analyses specific for medical and health data and designs involving humans. Topics to be covered are Linkage analyses, Association studies, Linkage disequilibrium mapping, Segregation analyses, and Gene and environment interaction.

Clinical Trials – Design and Analysis

This course will address basic and advanced statistical techniques used in clinical trials. Material presented will include the principles underlying the planning, management and implementation of clinical trials, the application of statistical methods used in the analysis of data from clinical trials, and the interpretation of results.

Sequential Trials – Design and Analysis

This course covers the design and analysis of sequential clinical trials. Topics to be covered are Clinical trials – review, Allocating patients to treatments, Measuring treatment differences, Design of sequential trials using boundaries , approach, Analysis of sequential trials, Alternate approaches, Prognostic factors, Comparison of more than two treatments, Implementation of sequential methods.

Systematic Reviews

This course covers systematic reviews of the literature for controlled clinical trials and observational studies. Statistical methods and computer software is reviewed and how to use systematic reviews in practice is detailed. Topics to be covered are Introduction to systematic reviews and meta analysis, Systematic reviews of controlled clinical trials, Investigating variability between studies, Systematic reviews of observational studies, Statistical methods and computer software, Using systematic reviews in practice, The Cochrane collaboration, Evidence-based medicine topics.

[Back to Links](#)

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Please email comments, suggestions or questions to:
James K. Dias, Ph.D. (706) 721-3785, jdias@mcg.edu
May 12, 2004

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An Admissions Counselor will be glad to answer your questions via e-mail or to give you a call. Please include your complete telephone number in message.

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[Career Opportunities in Health Science](#)

Medical Illustration

Master of Science

[Print Version](#) (2 page PDF file)

The Master of Science in Medical Illustration Program is one of only five such programs in the nation. The two-year program is accredited by the Association of Medical Illustrators and the Commission on Accreditation of Allied Health Education Programs.

Intensive illustration courses are supplemented with graduate science courses taken with medical students. Illustration courses cover pen and ink, monochromatic tone media, water color and mixed media. The use of the computer in medical illustration is taught in the first and second year.

Anatomical and surgical illustration for publication and interactive media is emphasized. Second-year students spend three semesters observing and sketching in the operating room. Student assignments offer practical experience with traditional media for print applications as well as motion and electronic media.

Program Goals

- To refine students' expertise in various artistic media
- To provide the scientific foundation necessary to prepare illustrations in a medical setting
- To teach students to visually problem-solve and to establish and meet objectives
- To offer extensive practical experience in medical illustration and prepare students for the profession

Career Opportunities

- Medical illustration for medical schools, large medical centers, hospitals and specialty clinics in single-artist departments or large production units
- Medical illustration for advertising agencies, medical publishers and pharmaceutical companies
- Medical illustration for attorneys who need art to demonstrate evidence in legal cases
- Entrepreneurship in medical illustration

Admission Requirements

- Baccalaureate degree from an accredited college or university
- Advanced ability in drawing the human figure from observation
- Sound draftsmanship in rendering from direct observation, including expression of contour, proportion, perspective, form, light and shadow, tonal values, and

Information sheets are in
[Adobe Acrobat
Portable Document
Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



- surface textural detail
- Accurate interpretation of color in realistic still-life studies
- Completion of the following prerequisite courses:
 - Comparative vertebrate anatomy or vertebrate morphology with student dissections of a mammal
 - Human physiology (often combined with undergraduate human anatomy course)
 - Life drawing from the nude model through advanced-level courses
 - Advanced courses in realistic drawing and/or painting from observation
 - Introduction to computers and computer graphics, or demonstrated proficiency through work experience. Computer graphic experience should include knowledge of both raster and vector programs (i.e., Adobe Photoshop^a, Adobe Illustrator^a).

Strongly recommended:

- Science: Histology, embryology, invertebrate anatomy, cell biology
 - Art: Basic design, color theory, graphic design, sculpture, perspective
 - Basic photography (including camera and darkroom experience)
 - Digital/electronic media
- Personal interview and portfolio review with the department faculty (by invitation after approval of preliminary application)
 - Graduate Record Examination score of 1000 or higher (sum of verbal and quantitative)
 - TOEFL score of at least 550 paper-based or 213 computer-based, if applicable

For more information, contact Andrew Swift, Chairman of the Medical Illustration Admissions Committee, at (706) 721-3266, e-mail medart@mcg.edu or visit our Web site: www.mcg.edu/medart.

Academic Common Market

The MCG Department of Medical Illustration participates in the Academic Common Market. Students from Alabama, Florida, Kentucky, Louisiana, Oklahoma, South Carolina, Tennessee or Virginia may petition their home state to learn whether they qualify for in-state tuition at MCG.

How to Get an Application

To receive a preliminary application for this career field, call or write:

***Medical Illustration Graduate Program
CJ-1101
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-3266
Fax: (706) 721-7855***

or download a Preliminary Evaluation Form at www.mcg.edu/medart/MI-Application.html.

Information for Prospective Students

Medical College of Georgia

Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](#)

August 06, 2003

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Occupational Therapy

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- [Master of Science Degree Program \(M.S.\)](#)
Research degree program for allied health and related health professionals

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August 22, 2003

Catalog 2003-2004

[Course Descriptions](#)

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General Admission Criteria

Admission is based on the applicant's prior academic performance at the college level, an assessment of related experience, references assessing work related skills, writing skills and personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.8 (on a 4.0 scale) on all previous college work and an average of at least 2.8 on math and science courses are required for consideration.
3. Two letters of recommendation are required.
4. Interviews are by invitation only.
5. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

Application Procedures

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

Completed applications received by April 15 will be given priority consideration. Applications will continue to be processed until the class has been filled. Earlier application is strongly encouraged as interviews are conducted in the spring.

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Please email comments, suggestions or questions to:
Admissions, underadm@mcg.edu

December 18, 2003

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Core Curriculum for Occupational Therapy

Courses to Take the First Two Years

The courses required to graduate from MCG comprise a core curriculum divided into six categories (Areas A-F). The options for completing these prerequisites for transfer to MCG are listed below.

A. Essential Skills	9 semester hours
<ul style="list-style-type: none"> English Composition I (3 hours) English Composition II-Literature based (3 hours) College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours) 	
B. Institutional Options**	4 - 5 semester hours
<ul style="list-style-type: none"> Introduction to Computers Critical Thinking Creative Writing Ethics Health and Wellness Statistics Economics Speech Any approved guided elective from Area F 	
C. Humanities and Fine Arts**	6 semester hours
<ul style="list-style-type: none"> Ethics Fine and Applied Arts Foreign Language Speech, Oral Communications World Literature Philosophy Drama, Art or Music Appreciation Logic Electives in Humanities and Fine Arts 	
D. Science, Mathematics and Technology	10 - 11 semester hours

One eight-hour laboratory course sequence in biology, chemistry or physics (chemistry or physics strongly recommended; both are required in core) and an additional course in science, mathematics or technology.

E. Social Sciences**	12 semester hours
<ul style="list-style-type: none"> ● United States History ● United States Government ● Psychology ● Sociology ● Anthropology ● Group Process ● Human Development ● Social Problems ● Racial and Ethnic Minority Groups 	
F. Courses Appropriate to the Major	18 semester hours
<ul style="list-style-type: none"> ● Anatomy or Anatomy and Physiology w/lab 4 hours ● Chemistry+ or Physics w/lab 4 hours ● Abnormal Psychology 3 hours ● Psychology* 3 hours ● Sociology* 3 hours ● Guided electives (1-7 hours) Human Development, Communication, Group Process, Ethics, Manual or Fine Art 	

+ If chemistry is taken in Area D, take physics in Area F; if physics is taken in Area D, take chemistry in Area F. If biology is taken in Area D, take chemistry **and** physics in Area F.

* If this is taken in another area of the core, the hours would be taken in additional guided electives.

** If a student planning to transfer to MCG from another school in the University System of Georgia has completed this area with courses taken there or at another institution from which MCG accepts transfer credit, MCG will accept the area as satisfied. A student planning to transfer from a school not in the University System of Georgia should choose from the list of courses.

CPR certification and completion of a first-aid course are required prior to enrolling.

Computer literacy, particularly word processing, is expected.

Information for Prospective Students

Medical College of Georgia

Please email comments, suggestions or questions to:

[Academic Admissions](#)

October 21, 2003

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[Return to list of Degree Programs](#)

To read and/or print a PDF publication, you must have the Adobe Acrobat Reader software installed on your PC. Acrobat Reader can be downloaded free of charge from Adobe:



Application for Admission to Graduate Programs at the Medical College of Georgia

Information and Instructions

[International Application for Ph.D. in Biomedical Sciences](#)

[\(Link to application PDF files below\)](#)

1. Use [this application](#) to apply for all graduate degree programs. Complete all parts that pertain to you.
2. Enclose a \$30 non-refundable application fee. (Checks only, please, made payable to the Medical College of Georgia.)
3. Your application must include [Part V](#), the supplement for your program of application.
4. In addition to your complete application and \$30 application fee, the following must also be submitted before your application can be considered:
 - Three recommendations. [Forms for this purpose](#) are included with this application.
 - [Two official transcripts from each college/university attended.](#) (Must be mailed to MCG from the institution.)
 - Individual programs may require an interview. Applicants qualifying for an interview will be contacted by the program's admissions committee.
 - Graduate Record Exam (G.R.E.) scores must be mailed directly to this office by the Education Testing Service. Scores must be less than 5 years old. For G.R.E. registration materials and location of centers:
 - A. Contact your nearest college testing center;

or

 - B. Visit the world wide web at:

<http://www.gre.org>;

or

C. Call or write:

Educational Testing Service

P.O. Box 6000

Princeton, NJ 08541-6000

Telephone: (609) 771-7670

Note: Medical College of Georgia institution code is 5406.

- **International applicants:**

A. Test of English as a Foreign Language (TOEFL) scores must be submitted for those whose first language is not English. A score of 600 or greater paper-based or 250 computer-based is strongly recommended. Contact:

TOEFL/Educational Testing Service

P.O. Box 6155

Princeton, NJ 08541-6155

U.S.A.

Note: Medical College of Georgia institution code is 5406.

B. [Verification of transcripts from foreign colleges/universities by an approved transcript evaluation service is required.](#)

C. Documentation of personal funds. If a student is awarded stipend support from the School of Graduate Studies, this is considered sufficient. Students with outside fellowships or who are self-supporting must provide financial documentation so that a visa can be issued. Contact the Academic Admissions Office for details.

5. Your complete application, including the [Part V Supplement](#) for each program of application, must be submitted by the deadline.

6. All programs have application deadlines. Early application is strongly encouraged.

7. Return completed application to:

Office of Academic Admissions

170 Kelly Building—Administration

**Medical College of Georgia
Augusta, GA 30912**

In accordance with the Student Right to Know and Campus Security Act of 1990, the Medical College of Georgia makes available, upon request, its annual security report providing campus security information concerning crime statistics, crime-reporting procedures, building security, campus police, crime prevention information, policies regarding the illegal use of alcohol or drugs, alcohol and drug abuse education programs and sexual assault programs. For a copy of this report, please contact [MCG Public Safety](#) at (706) 721-2914. Students at Distant Site locations should contact the college public safety office at that location.

Application PDF files:

Part I - IV

[Application for Admission to Graduate Programs](#)

PART V Supplements:

- [Supplement for Ph.D. Programs in Biomedical Sciences](#)
- [Supplement for Graduate Nursing](#)
- [Supplement for Occupational Therapy](#)
- [Supplement for Physical Therapy](#)
- [Supplement for Other Graduate Programs](#)
(Allied Health Sciences and Oral Biology)

Admission Reference Forms

- [Admissions Reference Form for Graduate Programs](#)
- [Admissions Reference Form for Physical Therapy](#)

Other Forms

[Transcript Request Form](#)

Early application is strongly advised. A non-refundable \$30 application fee is required.

An Affirmative Action/Equal Opportunity Educational Institution

[Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Robert Cross, gradadm@mcg.edu.

July 03, 2003

[General Admission Requirements](#)

[Course Prerequisites](#)

[Obtain an Application for Admission](#)

[Contact an Admissions Counselor](#)

An Admissions Counselor will be glad to answer your questions via e-mail or to give you a call. Please include your complete telephone number in message.

[Occupational Therapy Home Page](#)

[Graduate Education Opportunities for Occupational Therapy](#)

Additional Information Links

- [MCG Catalog](#)
- [Multicultural Affairs and Summer Programs](#)

Visiting the Medical College of Georgia

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- [Augusta Map/Driving Directions](#)

[Career Opportunities in Health Science](#)

Occupational Therapy

Master of Health Science

(Entry Level Master's Degree)

[Print Version](#) (4 page PDF file)

Professional Tasks and Working Environment

Occupational therapy is a dynamic health profession that enhances physical and emotional independence and well-being using selected activities. O.T. services that help people learn or regain skills needed to function in daily life may include:

- educating a homemaker who is paralyzed to perform household tasks from a wheelchair;
- teaching an elderly stroke patient to dress and bathe using adapted techniques;
- helping a young adult who is emotionally disturbed develop daily living skills such as balancing a checkbook, cooking, shopping and cultivating effective work habits;
- helping children with learning problems improve their balance and eye-hand coordination skills for improved handwriting.

O.T.s also provide administrative/supervisory leadership for wellness and health care programs, serve in community health care planning and teach and conduct research.

Skills and Interests Suited to a Career in Occupational Therapy

Occupational therapists need manual skills, maturity, patience and problem-solving and critical-thinking skills. They also need to be skilled and resourceful in teaching. This profession presents an excellent opportunity to help people learn to function at their optimal ability.

Employment and Career Opportunities

Occupational therapists are employed in hospitals, clinics, rehabilitation centers, nursing homes, mental retardation and mental health facilities, public school systems, home health agencies, private practice, industry and the community.

The field offers rapid advancement into supervisory and administrative positions for therapists with advanced experience and education. Growing opportunities exist in private practice, consultation, research and higher education.

The job market for occupational therapists is projected to grow.

Salary Information

Starting salaries in Georgia average \$43,000-\$53,000, with higher pay depending on location and job responsibilities. Many experienced O.T.s earn \$50,000-\$75,000 or more.

- [Campus Map/Virtual Campus Tour](#)

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



Program Offered at MCG

The professional master's degree program is offered on MCG's Augusta campus and on the Columbus State University campus in Columbus, Ga. At Columbus, MCG students may participate in CSU student activities and use student services. The program at the Columbus campus is offered via interactive, multimedia instruction in addition to onsite faculty instruction. The program at both campuses includes classroom, laboratory and clinical experiences (including six months of full-time field work).

The first year of the program is undergraduate, the second and third years are graduate.

Accreditation

The occupational therapy programs on the Augusta campus and Columbus site are accredited by the Accreditation Council for Occupational Therapy Education. Both sites have received a 10-year accreditation and ensure that all program upgrades will comply with ACOTE standards. Graduates of accredited programs can take the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy. Those who successfully complete this exam are registered occupational therapists. Most states, including Georgia, require licensure to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. The ACOTE requires all O.T. students to complete Level II Fieldwork within 24 months after completing academic preparation.

For additional information, contact:

ACOTE
4720 Montgomery Lane
P.O. Box 31220
Bethesda, MD 20824-1220
Telephone: (301) 652-2682
Web site: www.aota.org
E-mail: accred@aota.org or educate@aota.org

NBCOT
800 S. Frederick Ave. Suite 200
Gaithersburg, MD 20877-4150
Telephone: (301) 990-7979
Web site: www.nbcot.org

General Admissions Criteria

Admission is based on college grade point averages, assessment of related experience, references assessing work-related skills, writing skills, personal qualities needed to successfully complete the program and an interview. A 2.8 overall GPA on a 4.0 scale is required.

Applicants whose first language is not English must have a minimum TOEFL score of 550 (paper-based) or 213 (computer-based).

The first year of the program is undergraduate. Students must meet departmental criteria, including submission of Graduate Record Examination (GRE) scores, to advance from the first to the second year of the program.

Financial Aid and Scholarships

Financial aid and other assistance is available. MCG participates in all federal student aid

programs as well as state and private programs. MCG helps students fund their education through grants, scholarships, loans, a service commitment program and/or employment.

Estimated Full-Time Academic Expenses

	<i>Tuition</i>	<i>Fees</i>	<i>Books/Supplies/Other</i>
Per semester	\$1,925*	293	800**

* Non-residents of Georgia pay an additional \$5,775 tuition per semester. Residents of Aiken and Edgefield counties in South Carolina and Russell and Lee counties in Alabama receive a waiver of non-resident tuition.

** Costs vary by major. Please check with your department for details.

(Costs are for 2003-2004. All tuition charges, board, room rent or other charges are subject to change at the end of any academic term.)

Estimated Living Expenses

	<i>On- or off-campus apartment</i>	<i>Commuter</i>
9 months	\$13,725	\$9,720
12 months	18,300	12,960

When and How to Apply

This professional master's degree program requires applicants to attend another accredited college or university of their choice to complete the required core curriculum courses (see the Courses to Take the First Two Years section). During their sophomore year, students can apply for admission to MCG. Accepted applicants will transfer fall semester to begin the junior year, the first year of a three-year program.

To be eligible for consideration, applicants must have a minimum 2.8 overall grade point average. Students must submit satisfactory GRE scores to advance from the first year (which is undergraduate) to the second year (which is graduate).

Completed applications received between September and April 15 will be given priority consideration. Applications will continue to be accepted until the class is filled. Earlier application is strongly encouraged, as departmental interviews are conducted in the spring by invitation only.

How to Get an Application

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725
Toll free: 1-800-519-3388
Fax: (706) 721-7279

E-mail: gradadm@mcg.edu

Web site: www.mcg.edu/admissions

For more information about health-related career opportunities, visit www.mcg.edu/admissions.

Frequently Asked Questions

What is the application deadline?

Completed applications received between September and April 15 will be given priority consideration. Applications will continue to be accepted until the class is filled. Earlier application is strongly encouraged as interviews are conducted in the spring.

What counts in admission?

A weighted formula based on success of prior applicants is used. The formula heavily weighs overall grade point average.

Competitive GPA for the O.T. program is 3.0 overall. Points are also included for quality of references, autobiographical section content, writing ability, experience in the health field and veteran status. Use references from people who can rate your work skills. Do not use family members or friends as references. Clearly explain why you chose occupational therapy as a career. Ratings from interviews are included in the final selection process.

Admission to the graduate portion of the program requires completion of the first year with a GPA of at least 2.5 and submission of GRE scores.

How much volunteer experience do I need?

There is no required number of volunteer hours. The ranking formula considers amount of time, number of settings and variety of experiences. Applicants should observe at least one O.T. clinic to gain an insight to the profession. MCG Closer Look Visitations are held throughout the year to allow applicants to learn more about O.T. and our program. Contact the Office of Academic Admissions for further information.

Do I have to complete all of my prerequisites before I can be accepted?

No. We will consider your application before you have completed all of the prerequisites. A page in the application asks where and when you took or plan to take each prerequisite. Make sure the courses you need will be offered the semester you plan to take them.

What do you mean by proof of first-aid training and current CPR certification?

We will accept a course titled First Aid on your transcript or a copy of your card indicating completion of a first-aid course. You must send us a copy of your card showing CPR certification that is valid through your first semester on campus. If your CPR certification has expired, you must

complete a recertification course.

What electives should I take?

Elective means your choice, so choose courses that interest you. We suggest additional coursework in computers, human development, communication, group process, psychology, sociology, ethics and fine or manual arts.

I am a COTA and heard you will waive some prerequisites for the occupational therapy program. Is that true?

No. You must complete all prerequisites.

What if I am already a certified O.T.? What's the right program for me?

Our master of science and master of health education degree programs are for students who are already certified occupational therapists. You may also request a list of professional master's programs from the American Occupational Therapy Association, Inc., 4720 Montgomery Lane, P.O. Box 31220 Ext. 1120, Bethesda, MD 20824.

Why is a master's degree required for occupation therapy practice?

The Representative Assembly of the American Occupational Therapy Association passed a resolution requiring post-baccalaureate-level entry into the profession by 2007. This resolution also provides for occupational therapists currently certified, licensed and practicing to be "grandfathered." However, most occupational therapy programs have transitioned or are in the process of transitioning to the entry-level master's degree. This allows these institutions to maintain ACOTE accreditation requirements to ensure that their graduates qualify to take the national certification examination for occupational therapists.

The MCG Department of Occupational Therapy offers a master of health science in occupational therapy; no bachelor's degree in occupational therapy will be awarded. This will ensure that our program maintains its excellent accreditation status and that our graduates receive the most current educational credentials.

When will I know if I'm accepted?

There is no definite date. The committee reaches final decisions after all completed applications received by the application deadline have been processed. We may accept highly competitive applicants prior to the deadline. The recommendations are forwarded to the Office of Academic Admissions, which sends the official written notice of action. The information cannot be released over the telephone. If you have not had a response by June, contact the Office of Academic Admissions.

What is an alternate list?

We frequently have more qualified applicants than places in the class.

Qualified applicants may be placed on an alternate list. If an accepted applicant withdraws, an alternate will be contacted to fill the slot. Alternates may be contacted up to the first week of class. Although it makes planning difficult, we do not know how many alternates will be selected until classes start.

Can I work full time while attending your program?

"No" is the best advice. Our programs are very demanding and require full-time participation. Classes meet all day Monday through Friday with assignments that fill evening and weekend hours. We will not prohibit you from working while in school, but most students find it difficult. The Office of Financial Aid is very helpful in finding alternative funding sources.

[Information for Prospective Students](#)

[Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](#)

August 22, 2003

Additional Information Links

- [MCG Catalog](#)
- [Multicultural Affairs and Summer Programs](#)

Visiting the Medical College of Georgia

- [Sign Up for a Visit to Campus](#)
- [Augusta Map/Driving Directions](#)
- [Campus Map/Virtual Campus Tour](#)

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



[Career Opportunities in Health Science](#)

Physical Therapy

[General Information and Admission Requirements to become a Physical Therapist \(MPT\)](#)

[Obtain an Application for Admission \(MPT\)](#)

[Contact an Admissions Counselor](#)

An Admissions Counselor will be glad to answer your questions via email or to give you a call. Please include your complete telephone number in message.

Print Career Information:

- [Master of Physical Therapy \(M.P.T.\)](#)
- [Master of Health Education \(M.H.E.\)](#)
Education degree program for allied health and related health professionals.
- [Master of Science Degree Program \(M.S.\)](#)
Research degree program for allied health and related health professionals

[Physical Therapy Home Page](#)

[Additional Graduate Education Opportunities for Physical Therapists \(MHE and MS\)](#)

[Information for Prospective Students](#)

[Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](#)

August 25, 2003



Additional Information Links

- ▶ [MPT FAQ](#)
- ▶ [MPT Admission Instructions](#)
- ▶ [MCG Catalog](#)
- ▶ [Housing](#)
- ▶ [Student Financial Aid](#)

Contact Information:

Chloe D. Little, EdD, PT
 PT Admissions Committee Chair
 Medical College of Georgia
 Dept of Physical Therapy, CH-100
 Augusta, GA 30912-0800
 Phone:(706)721-2141
 Fax:(706)721-3209
 email: clittle@mail.mcg.edu

MPT ADMISSIONS:

The minimum grade point average (GPA) required for admission is 2.8 overall or 3.4 for the last 40 semester hours or 60 quarter hours. A GRE score of 1,000 for combined verbal and quantitative sections is also required. Applicants who achieve a GRE combined score of 850 - 1000 will be considered for provisional admission if all other aspects of the application meet the stated standards.

Prerequisites include completion of a baccalaureate degree from any accredited college and the following specific courses: one full academic year of physics (w/lab); one course in each of the following: human anatomy and physiology (w/lab), general biology (w/lab), general chemistry (w/lab); one additional course in one of the three areas previously listed; and six courses in the humanities, one of which must be in psychology. Students must earn a C or higher in all pre-requisite courses. For more information about the requirements for admission [go here](#).

The physical therapy program has a rolling admissions process that begins September 1 and ends July 1. Applications received after the class has been filled will be considered for inclusion on an alternate list. The class entering in Fall 2002 was comprised of 16 men and 24 women; the average age was 24 and the average GPA was 3.32. The class entering in Fall 2003 was comprised of 5 men and 39 women; the average age was 23 and the average GPA was 3.38. For more information regarding admissions please e-mail: domorris@mail.mcg.edu.

MPT TUITION, FEES AND FINANCIAL AID:

Tuition and fees are approximately \$4509.00 per year for in-state, and \$18,036.00 for out-of-state students. Rooms range from \$649 for a double room to \$1,081 for a single room per semester.

Books average \$300 per semester, though the semesters differ significantly. Costs for clinical education, including room and travel, are estimated at \$100 per week for a total of \$2,600 for the two years of the program.

Eighty-three percent of the student body receives financial aid. The physical therapy students who receive financial aid average \$15,226 of assistance. For specific information, contact Cynthia Parks (cparks@mail.mcg.edu) in the Student Financial Aid Office.

[top](#)

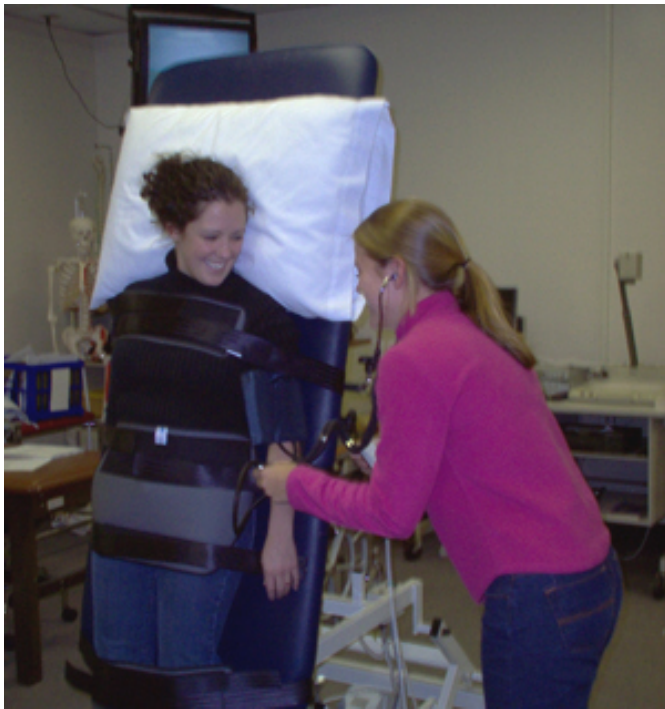
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[School of Allied Health Sciences](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:

Chloe Little, clittle@mail.mcg.edu

February 10, 2004



[MPT Class of 2005](#)
[Website](#)

Additional MPT Information Links

- [MPT Admissions](#)
- [MPT Academic Experience](#)
- [MPT Clinical Experience](#)
- [MPT Curriculum](#)
- [MPT Technical Standards](#)
- [MPT Accreditation](#)

Master of Physical Therapy

Physical therapy is a dynamic health profession that provides clinical expertise in the restoration, maintenance and promotion of optimal physical function. Physical therapists

- evaluate movement disorders and enhance physical and functional abilities;
- restore, maintain and promote optimal physical function, wellness and fitness and optimal quality of life;
- prevent the onset, symptoms, and progression of impairments, functional limitations, and disabilities that may result from diseases, disorders, conditions or injuries.

Skills and Interests Suited to a Career in Physical Therapy

Physical therapists must have problem-solving skills, resourcefulness, patience, manual dexterity, physical stamina and the ability to work closely with people.

Career Opportunities

Physical therapists practice in a broad range of inpatient, outpatient, and community-based settings including:

- General hospitals and hospitals for special populations (i.e. burns, neurology, orthopedics, pediatrics)
- Rehabilitation centers, hospices, extended-care facilities, public health centers
- Home health agencies
- Public and private schools
- Wellness programs and fitness centers
- Athletic facilities at all levels (high school, college, professional)
- Outpatient clinics or offices and private practice
- Corporate or industrial health centers
- Administration, research, education, or consultant work

For more information on MPT course listings please visit our [PT, MPT course description page](#).

Contact Information:

Chloe D. Little, EdD, PT
PT Admissions Committee Chair
Medical College of Georgia
Dept of Physical Therapy, CH-100
Augusta, GA 30912-0800
Phone:(706)721-2141
Fax:(706)721-3209
email: clittle@mail.mcg.edu

The job market for physical therapists is expected to grow, though health care reform will continue to challenge the traditional delivery of health care services.

Salary Information

Average salaries are excellent and job opportunities are available for physical therapists throughout the country as well as in Georgia. Starting salaries in Georgia are between \$38,000 and \$42,000 depending on location and job responsibilities. Experienced physical therapists generally earn more than \$50,000 per year with most PT's nationally earning in a range between \$45,000 to \$70,000 per year.

Program Offered at MCG

The Medical College of Georgia master of physical therapy (MPT) program is an entry-level program that prepares students for general physical therapy practice. One of the first programs in the state of Georgia, it has been continuously accredited by the Commission on Accreditation in Physical Therapy Education since it began in the early 70's and is ranked nationally among the top physical therapy programs according to US News and World Report. Right from the start, it has offered an innovative approach to physical therapy education using a case based problem oriented curriculum. This approach strives to create a collaborative learning environment in which clinical problem solving and decision making is emphasized along with learning of the clinical skills necessary for comprehensive patient management. The department also offers post-professional degrees (MHE, MS) for those who already have an entry-level physical therapy degree. The physical therapy program is offered on MCG's main campus in Augusta, Georgia.

Admission Requirements

- **Baccalaureate degree**

- **Prerequisite coursework as follows: one course with lab (except Psych) in each of the following:**
 - **human anatomy/physiology**
 - **general biology**
 - **general chemistry**
 - **one additional course in biology, chemistry or human anatomy/physiology (preferred)**

- one full academic year of physics (does not need to be calculus based)
- general psychology (lab not required)

All prerequisite courses must be completed at a grade of "C" or above. If the anatomy course you take does not include physiology, then you will need to take a separate course in human or mammalian physiology.

- Overall minimum GPA of 2.8 or 3.4 in last 60 quarter hours or 40 semester hours
- GRE score of 1000 or higher (sum of verbal and quantitative). Applicants who achieve a GRE of 850 combined or higher, will be considered for provisional admission if all other aspects of their application meet the stated standards.
- At least 100 hours of observational experience in various physical therapy settings
- TOEFL score of at least 600 paper based or 250 computer-based, if applicable

[top](#)

Medical College of Georgia

[Physical Therapy Home](#) [A-Z Index](#) [MCG Home](#)

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe here:

Application for Academic Admission to Master of Physical Therapy Program at the Medical College of Georgia



Information and Instructions

Additional Information Links

- ▶ [MPT FAQ](#)
- ▶ [MPT Admission Instructions](#)
- ▶ [MCG Catalog](#)
- ▶ [Housing](#)
- ▶ [Student Financial Aid](#)

Contact Information:

Chloe D. Little, EdD, PT
PT Admissions Committee Chair
Medical College of Georgia
Dept of Physical Therapy, CH-100
Augusta, GA 30912-0800
Phone:(706)721-2141
Fax:(706)721-3209
email: clittle@mail.mcg.edu

1. Use [this application](#) to apply for all graduate degree programs. Complete all parts that pertain to you.
2. Enclose a \$30 non-refundable application fee. (Checks only, please, made payable to the Medical College of Georgia.)
3. Your application must include [Part V](#).
4. In addition to your complete application and \$30 application fee, the following must also be submitted before your application can be considered:

- Three recommendations. [Forms for this purpose](#) are included with this application.
- [Two official transcripts from each college/university attended](#). (Must be mailed to MCG from the institution.)
- Applicants qualifying for an interview will be contacted by the Physical Therapy admissions committee.
- Graduate Record Exam (G.R.E.) scores must be mailed directly to this office by the Education Testing Service. Scores must be less than 5 years old. For G.R.E. registration materials and location of centers:

A. Contact your nearest college testing center; or

B. Visit the world wide web at [GRE](#)

or

C. Call or write:

Educational Testing Service

P.O. Box 6000

Princeton, NJ 08541-6000

Telephone: (609) 771-7670

Note: Medical College of Georgia institution code is 5406.

- **International applicants:**

A. Test of English as a Foreign Language (TOEFL) scores must be submitted for those whose first language is not English. A score of 600 or greater paper-based or 250 computer-based is strongly recommended. Contact:

**TOEFL/Educational Testing Service
P.O. Box 6155
Princeton, NJ 08541-6155
U.S.A.**

Note: Medical College of Georgia institution code is 5406.

B. [Verification of transcripts from foreign colleges/universities by an approved transcript evaluation service is required.](#)

C. Documentation of personal funds. If a student is awarded stipend support from the School of Graduate Studies, this is considered sufficient. Students with outside fellowships or who are self-supporting must provide financial documentation so that a visa can be issued. Contact the Academic Admissions Office for details.

5. Your complete application, including the [Part V Supplement](#) must be submitted by the deadline.
6. Physical Therapy uses a rolling admissions plan. Early application is strongly encouraged.
7. Return completed application to:

**Office of Academic Admissions
170 Kelly Building—Administration
Medical College of Georgia
Augusta, GA 30912**

In accordance with the Student Right to Know and Campus Security Act of 1990, the Medical College of Georgia makes available, upon request, its annual security report providing campus security information concerning crime statistics, crime-reporting procedures, building security, campus police, crime prevention information, policies regarding the illegal use of alcohol or drugs, alcohol and drug abuse education programs and sexual

assault programs. For a copy of this report, please contact [MCG Public Safety](#) at (706) 721-2914. Students at Distant Site locations should contact the college public safety office at that location.

Application PDF files:

Part I - IV

[Application for Academic Admission to Graduate Programs at the Medical College of Georgia](#)

PART V Supplements:

- [Supplement for Physical Therapy Department](#)

Admission Reference Forms

- [Admissions Reference Form for the Physical Therapy Department](#)

Other Forms

[Transcript Request Form](#)

Early application is strongly advised. A non-refundable \$30 application fee is required.

[top](#)

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[General Information and Admission Requirements](#)[Obtain an Application for Admission](#)[Contact an Admissions Counselor](#)

An Admissions Counselor will be glad to answer your questions via e-mail or to give you a call. Please include your complete telephone number in message.

[Physical Therapy Home Page](#)[Additional Graduate Education Opportunities for Physical Therapists \(MHE and MS\)](#)**Additional Information Links**

- [MCG Catalog](#)
- [Multicultural Affairs and Summer Programs](#)

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- [Sign Up for a Visit to Campus](#)
- [Augusta Map/Driving Directions](#)

[Career Opportunities in Health Science](#)

Physical Therapy

Master of Physical Therapy

[Print Version](#) (2 page PDF file)

Physical therapy is a dynamic health profession devoted to optimizing physical function. Physical therapists:

- evaluate movement disorders and enhance physical and functional abilities
- restore, maintain and promote optimal physical function, wellness, fitness and quality of life
- prevent the onset, symptoms and progression of impairments, functional limitations and disabilities that may result from diseases, disorders, conditions or injuries

Characteristics of a Physical Therapist

Physical therapists must have problem-solving skills, resourcefulness, patience, manual dexterity, physical stamina and the ability to work closely with people.

Career Opportunities

Average salaries are excellent and job opportunities are available nationwide. The department enjoys an excellent reputation in the health care community; within months of graduation, 100 percent of MCG's physical therapy graduates are employed. National and local recruiters visit campus to discuss employment opportunities. Starting salaries in Georgia range from \$38,000 to \$42,000 annually. The salary range nationally is \$45,000 to \$70,000 for experienced physical therapists, with most earning more than \$50,000 a year. Career settings include:

- general hospitals and hospitals for special populations (burns, neurology, orthopedics, pediatrics, etc.)
- rehabilitation centers, hospices, extended-care facilities and public health centers
- home health agencies
- public and private schools
- wellness programs and fitness centers
- high school, college and professional athletic facilities
- outpatient clinics and offices and private practice
- corporate and industrial health centers
- administration, research, education and consultant work

MCG's Program

The Medical College of Georgia master of physical therapy program is an entry-level program that prepares students for general physical therapy practice. It has been continuously accredited by the Commission on Accreditation in Physical Therapy Education since its inception in 1970. The program was ranked 33rd in the nation in a 2001 edition of U.S. News and World Report. It is the only public university program in

- [Campus Map/Virtual Campus Tour](#)

Information sheets are in [Adobe Acrobat Portable Document Format \(PDF\)](#).

To view or print PDF files, you will need a copy of Adobe Acrobat Reader, which can be downloaded free of charge from Adobe:



Georgia offered on a medical campus; students receive instruction from medicine, dentistry and graduate studies faculty in interdisciplinary classes.

The program emphasizes a case-based, problem-oriented curriculum with an excellent selection of clinical education sites located throughout the Southeast. Students learn the clinical skills necessary for comprehensive patient management in a collaborative environment that stresses decision-making and problem-solving. State-of-the-art labs include a movement analysis and balance lab. Faculty and staff are committed to student success. The department also offers master's degrees in science and health education for those with entry-level physical therapy degrees.

Admission Requirements

- Baccalaureate degree with a minimum overall grade point average of 2.8, or 3.4 in the last 40 semester/60 quarter hours
- Completion of the following prerequisite courses with a grade of C or better:
 - Human anatomy/physiology* with lab
 - General biology with lab
 - General chemistry with lab
 - Psychology
 - One additional lab course in biology, chemistry or human anatomy/physiology* (preferred)
 - One academic year of physics (does not need to be calculus-based)
- Combined Graduate Record Exam score of at least 1000. (A score of 850 or higher will be considered for provisional admission if all other application requirements are met.)
- Current CPR and first aid certification
- At least 100 hours of observational experience in various physical therapy settings
- A minimum score of 600 (paper-based) or 250 (computer-based) on the Test of English as a Foreign Language, if applicable

Frequently Asked Questions

When should I apply?

Applicants should apply during their senior year of college or after completing a baccalaureate degree. Early applications (which must include all application materials) are accepted Sept. 1 through Jan. 15. Qualified applications received after Jan. 15 will be considered if the class is not full or will be placed on an alternate list for possible acceptance later. Those on the alternate list may be notified up to one week before the program begins. (For the past several years, all individuals on the alternate list have been offered positions.)

Must I complete all prerequisites before I can be accepted?

No. We can consider your application before you have completed all prerequisites. You will be more competitive for admission if you have completed most of the science prerequisites, especially physics and anatomy/physiology, before the admissions process in the fall. If possible, indicate where and when you plan to take each course. Be sure to confirm that the courses you need will be offered the semester you plan to take them. You must have documentation of completing all prerequisite courses before registration, so allow time for official transcripts to reach

the Office of Academic Admissions.

What counts in admission?

We review the overall grade point average, math/science grade point average, last 60 quarter hours or 40 semester hours of course work attempted and GRE scores to determine who is qualified for a personal interview. At that point, criteria include the interview, writing ability, overall attributes of the candidate and references. Three references are required, preferably by individuals who have observed you in a clinical or work situation. We strongly recommend that at least one be provided by a physical therapist who has observed you in a patient care setting.

What type of experience is needed?

To ensure that you have adequately explored physical therapy and are confident in your career choice, we require at least 100 hours of experience in various physical therapy settings (rehabilitation, acute care, sports medicine, pediatrics, etc.). We prefer direct patient contact or observation. Experience in a different health field, such as nursing, does not fulfill this requirement. More than the minimum number of required hours of experience may strengthen your references but are not ranked as part of the admission process.

Are out-of-state students accepted?

Yes. To determine if you qualify as an in-state resident, contact the MCG Office of Academic Admissions at (706) 721-2725.

Will extra science classes enhance my chance of acceptance?

Extra science classes are not necessary and usually will not increase your chance of acceptance, unless your previous grades were poor. But extra classes in fields such as exercise science, human anatomy and physiology may be advantageous. If more than 10 years have passed since you took the required science courses, we advise reviewing areas pertinent to our program, such as physics and anatomy/physiology.

Will any particular undergraduate majors enhance my chance of acceptance?

As long as you have completed the prerequisite courses, your undergraduate major doesn't matter. We recommend that you major in an area that you enjoy without regard to whether it will help you enter our program.

When will I know if I have been accepted?

Soon after your interview, we will send you a letter with our decision. If you are accepted, you will have a deadline by which to inform the Office of Academic Admissions of your intention to enroll.

Is the program full time?

The program begins each fall semester and lasts seven semesters over two and one-half years. The courses are taken sequentially full time; part-time study is not available. We strongly discourage extensive work hours while completing our program; classes generally meet all day Monday through Friday, with homework that fills evening and weekend hours. The Office of Financial Aid is very helpful in finding alternative financial resources, and some work-study programs are available on campus.

How can I learn more about your program?

The Office of Academic Admissions regularly schedules Closer Look Tours of all departments, including physical therapy. The tours provide campus wide information and faculty interaction in specific departments. To schedule a tour, visit www.mcg.edu/students/closelookform.htm, or call (706) 721-2725. For more information, contact the Department of Physical Therapy at (706) 721-2141.

To receive an application for this career field, visit www.mcg.edu/admissions, or call or write:

Office of Academic Admissions
170 Kelly Building-Administration
Medical College of Georgia
Augusta, Georgia 30912
Telephone: (706) 721-2725
Toll free: 1-800-519-3388
Fax: (706) 721-7279
E-mail: gradadm@mcg.edu
Web site: www.mcg.edu/admissions/

For more information about physical therapy, visit www.mcg.edu/sah/pt/.

For more information about health-related career opportunities, visit www.mcg.edu/admissions.

[Information for Prospective Students](#)
[Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Carol Nobles, [Academic Admissions](#)

August 25, 2003

Medical College of Georgia

Department of Physical Therapy

[A-Z Index](#) | [MCG Home](#) | [Site Search](#)



[Educational Philosophy](#)
[Educational Programs](#)

[Meet Our Faculty & Staff](#)
[Meet Our Students](#)
[MPT Class of 2005](#)

[Department Research](#)
[Available Positions](#)

[Contact Us](#)
[Prospective MPT Students](#)

For additional information about Physical Therapy visit the following:



Welcome ... to the School of Allied Health Sciences Physical Therapy Program

FROM THE CHAIRMAN OF PHYSICAL THERAPY:

It is my pleasure to welcome you to the Medical College of Georgia Physical Therapy Homepage. Physical therapy is an exciting, dynamic and essential health profession devoted to optimizing physical function. I hope that you find this web page to be useful in your search for information about our educational programs and the physical therapy profession. We are always happy to answer any questions, and encourage you to contact any of our faculty for information or assistance. I wish you the very best as you learn about this challenging and rewarding profession.

Douglas Keskula, PhD, PT, ATC
Associate Professor and Chairman

ABOUT US:

The Medical College of Georgia is the state's health sciences university with the tripartite mission of teaching, advancing knowledge, and providing patient care. Located within the School of Allied Health Sciences, the Physical Therapy department is committed to an educational philosophy of student centered learning. Thirteen faculty actively participate in the teaching and learning process in a collegial atmosphere. Faculty members strive to provide students with role models of scholarly practitioners, nationally recognized researchers, and skillful educators. The Commission of Accreditation in Physical Therapy Education has continuously accredited our educational



program since it began in 1970. Historically, our graduates score above the state and national averages on licensing examinations and enjoy a variety of job placement opportunities upon graduation.

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Please email comments, suggestions or questions to:
Douglas Keskula, Chairman, dkeskula@mcg.edu

February 02, 2004

[Catalog 2003-2004](#)[Course Descriptions](#)**Additional Links:**[Research](#)[Library](#)[Faculty](#)

Technical Standards

Qualifications for admission to, and graduation from, any school of the Medical College of Georgia requires satisfaction of the following general technical standards:

1. Sufficient intellectual capacity to fulfill the curricular requirements.
2. Ability to effect multi-modal communication with patients, colleagues, instructors and/or other members of the health-care community.
3. Physical ability to learn and implement the various technical skills required by the faculty.
4. Sufficient emotional stability to withstand the stress, uncertainties and changing circumstances that characterize the respective health-care profession. Standards have been developed for individual programs for evaluation of prospective and enrolled students. These standards are admissions and graduation guidelines and are subject to continuing revision and improvement.

Readmission of Former Students

Former students of the School of Allied Health Sciences or the School of Nursing who wish to return to the same program previously attended may contact the registrar concerning readmission procedures. Other former students seeking readmission should contact the appropriate admissions office.

Transient Students

A student who has taken work in a college or university may apply for temporary registration at the Medical College of Georgia as a transient student. Such a student ordinarily will be

one who expects to return to the college or university in which he/she was previously enrolled.

International Student Requirements

Before a formal application can be considered, international applicants to the Schools of Allied Health Sciences, Nursing and Graduate Studies must provide certain preliminary admissions information including an official evaluation completed by one of our designated evaluation services. The designated services are [Joseph Silny & Associates, Inc.](#), [World Education Services, Inc.](#), and [Educational Credential Evaluators, Inc.](#)

Scores on the Test of English as a Foreign Language ([TOEFL](#)) must be submitted and, for undergraduate applicants to the School of Nursing, scores on the [SAT](#) or the [ACT](#) must be submitted, together with an estimate of the total amount of money which the student can apply toward his education for the upcoming year. Address all inquiries to the [Office of Academic Admissions](#), 170 Kelly Building--Administration, Medical College of Georgia, Augusta, GA 30912.

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Please email comments, suggestions or questions to:
Admissions, underadm@mcg.edu

April 07, 2004



Technical Standards

The Medical College of Georgia is a state supported institution with a primary goal of educating health care providers for the citizens of the state of Georgia.

The ethical practice of dental hygiene requires intellectual ability, physical competence and personal responsibility. Therefore, all requirements for admission must be satisfactorily completed unassisted.

In addition to demonstrating personal characteristics appropriate for a career in a health care profession, qualification for admission to, and, following completion of the curriculum, graduation from, the dental hygiene program requires satisfaction of the following general standards:

- sufficient intellectual capacity to fulfill the curricular requirements of the various required basic science, dental sciences and clinical courses;
- ability to communicate with patients, colleagues, faculty, staff and other members of the health care community;
- physical ability to learn and safely perform the various technical skills required to complete the dental hygiene curriculum; and
- sufficient emotional stability and responsibility to withstand the stresses, uncertainties and changing circumstances that characterize the practice of dental hygiene.

TECHNICAL STANDARDS FOR THE DEPARTMENT OF DENTAL HYGIENE

In addition to the general standards stated above, students must be able to satisfy all of the following specific technical standards:

All entering students must have the ability to read technical

▸ [Philosophy](#)

▸ [Technical Standards](#)

▸ [Undergraduate Program](#)

▸ [Graduate Program](#)

▸ [Accreditation](#)

▸ [Tuition & Fees](#)

▸ [Financial Aid](#)

▸ [Student Affairs](#)

English rapidly and with comprehension; communicate with faculty, patients and peers in English using reasonable grammar and syntax; and attend class. Successful completion of the basic science and clinical science curricula requires physical competence, intellectual ability and personal responsibility of the student to levels facilitating competency in the following tasks and techniques:

- Observe and collect data from demonstration, laboratory assignments and lectures in the basic and dental sciences.
- Examine, evaluate and diagnose the oral health status of a child, adolescent, adult and geriatric patient.
- Observe the patient accurately at a distance and close at hand.
- Position him/herself in such a manner as to make it possible to examine the patient thoroughly, and perform inspection, palpation, percussion, and auscultation as necessary to complete the oral evaluation of the patient.
- Develop an understanding of current radiation safety principles.
- Become competent in obtaining and interpreting diagnostic oral radiographs.
- Assess the oral hygiene treatment needs of special patients, such as the medically, mentally or physically compromised patients, and the socially and culturally disadvantaged.
- Develop appropriate communication techniques compatible with handicapping or compromising disorders.
- Develop the skills required to interpret the results of the physical evaluation and to develop an appropriate oral hygiene treatment plan.
- Educate and motivate patients regarding their role in establishing and maintaining oral health.
- Control pain and anxiety by utilizing topical pharmacological anesthetics, as well as through modeling and biofeedback.
- Prevent and manage dental and medical emergencies. This includes having the capacity to perform cardiopulmonary resuscitation and other appropriate life support measures for medical emergencies that may be encountered in a dental practice.
- Assess attachment levels and probing periodontal

pockets, as well as perform root debridement and soft tissue management.

- Recognize malocclusion in the primary, mixed and permanent dentition.
- Develop an understanding of basic dental school protocol, practice, and organization by assisting in a variety of clinics in the School of Dentistry.

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Please email comments, suggestions or questions to:
Marie Collins, mcollins@mail.mcg.edu.

May 26, 2004



School of Dentistry Admissions Bulletin

[General Information](#)

[Admissions Information](#)

[Application Information](#)

Application

Reference Forms:

- [Pre-Dental Advisor's Reference Form](#)
- [Personal Reference Form](#)

[Immunization and Health Policies](#)

[Special Degree Programs](#)

[Financial Information](#)

[Housing Information](#)

[FAQ](#)

[Class Profiles](#)

[Requirement Summary](#)

[Information on Augusta](#)

Office of Students, Admissions and Alumni, School of Dentistry **Admissions Information**

The Medical College of Georgia is an affirmative action/equal opportunity educational institution that prohibits discrimination on the basis of age, disability, gender, national origin, race, religion, sexual orientation, or status as a Vietnam War Era veteran. The MCG School of Dentistry believes that a diverse student body enhances the educational opportunities for all students and is beneficial to the dental profession, the School of Dentistry, and the State of Georgia.

Technical Standards

The Medical College of Georgia School of Dentistry is a state-assisted institution with the primary goal of educating dental health care providers for the citizens of Georgia. The ethical practice of dentistry requires intellectual ability, physical competence and personal responsibility. Therefore, all requirements for admissions to the School of Dentistry must be satisfactorily completed by each applicant. In addition to demonstrating personal characteristics appropriate for a career in a health care profession, qualification for admission to, and, following completion of the curriculum, graduation from, the School of Dentistry requires satisfaction of the following general standards:

1. sufficient intellectual capacity to fulfill the curricular requirements of the various required basic science and clinical courses;
2. ability to communicate with patients, colleagues, faculty, staff and other members of the health care community;
3. ability to learn and safely perform the various technical skills required to complete the dental curriculum; and
4. sufficient emotional stability and responsibility to withstand the stresses, uncertainties and changing circumstances that characterize the practice of dentistry.

Specific technical standards, based on clinical competencies and accreditation standards of the Commission on Dental Accreditation of the American Dental Association, are available from the Office of Students, Admissions and Alumni.

Selection of a Career in Dentistry Should Be an Informed

Decision

The selection of a career should be made after a careful examination of the pros and cons of the field under consideration. Observing in the office of a general dentist is the best way to learn about dentistry, and the Student Admissions and Recruitment Committee recommends that applicants make arrangements to observe in the offices of one or more general dentists. While observing in a dentist's office is not a requirement for admission, it is seen by the admissions committee as one measure of an applicant's interest in dentistry as a career.

Admissions Requirements

Admission is on a competitive basis. The admissions committee recommends for selection applicants who, in the judgment of the committee, are best qualified for admission.

All applicants for admission must meet the following minimum requirements to be considered for admission:

1. Completion of a minimum of 90 semester hours or 135 quarter hours of college level credit at an accredited American college or university. (However, preference will be given to students who have finished a baccalaureate degree.)
2. Completion of the following science courses:
 - a). One academic year* of general biology or zoology with lab
 - b). One academic year* of general/inorganic chemistry with lab
 - c). One academic year* of advanced chemistry, one semester (or two quarters) of which must be organic chemistry with lab followed by either (a) a second semester (or third quarter) of organic chemistry with lab or (b) a second semester (or third quarter) of biochemistry (biochemistry lab not required).
 - d). One semester (or two quarters) of physics with lab
 - e). One academic year* of English or English for the portion of the academic year required for the baccalaureate degree at an accredited American

college or university.

3. All required courses must be taken on a graduated grading scale (A, B, C, D, F); required courses may not be taken on a pass/fail basis. Applicants must earn a grade of C or better in all required courses.
4. Other suggested courses (not required) include biochemistry, comparative anatomy with lab, microbiology, marketing, personnel management, psychology or art classes requiring painting or sculpture.

*An academic year equals two semesters or three quarters or one semester and two quarters.

Dental Admission Test Requirements

All applicants for admission must have taken the Dental Admission Test (DAT) within three years of application. Applicants for the 2005 entering class must have taken the DAT no earlier than fall of 2002.

Students may take the computerized DAT whenever they like after registering for the test with the Dental Admission Testing Program (see address below). Applicants for the 2005 entering class who wish to take the computerized DAT must do so no later than September 30, 2004.

Applicants may take the DAT as many times as desired, but a minimum of 90 days must pass before an applicant can repeat the DAT. Only the results of the last four administrations for the DAT will be reported on the DAT transcript and made available to the School of Dentistry.

For further information and an application for the DAT, visit their website <http://www.ada.org/prof/ed/testing/dat.asp> or write to:

Dental Admission Testing Program
American Dental Association
211 East Chicago Avenue
Suite 1840
Chicago, Illinois 60611

English Language Requirements

The Test of English as a Foreign Language (TOEFL) and the Test of Spoken English (TSE-P) are required of all applicants whose native language is not English. Applicants taking the Test of Spoken English must register for the TSE-P category exam; results

of the TSE-A category exam will not be accepted. For admission to the School of Dentistry, applicants must achieve a score of at least 600 on the TOEFL and a score of 55 on the TSE-P. Applicants must take both the TOEFL and TSE-P no later than September 2004 to be considered for admission for the class admitted for August 2005. For information and registration materials for the TOEFL and the TSE-P exams, visit <http://www.ets.org/toefl/> or contact:

TOEFL/TSE Services
P.O. Box 6151
Princeton, NJ 08541-6151
(609) 771-7100

To have TOEFL and TSE-P scores sent to the School of Dentistry, you must list the Medical College of Georgia School of Dentistry and enter the appropriate TOEFL Institution Code in the chart on the back of the TOEFL admission ticket. The TOEFL Institution Code for the School of Dentistry is 5425.

Recommendations and Interviews

Letters of recommendation are required; additional information concerning these letters is contained in the application and the "Questions and Answers" section of this bulletin. Interviews are also required; applicants are invited for interviews by the admissions committee following a review of each completed application. These interviews are with members of the School of Dentistry faculty who help assess the applicant's personality, motivation and ability deemed pertinent to the successful study of dentistry.

Final Admission Decisions

The admissions committee takes into consideration all aspects of an applicant's background which might be relevant to the successful practice of dentistry, including unusual educational experiences or background, life experiences, work experiences, demonstrations of leadership in activities, involvement in community and extracurricular activities, and experience in an oral health care setting. The committee believes that students with diverse backgrounds are an asset to the School of Dentistry, the dental profession, and the State of Georgia. Final admission decisions are made based on the grade point average (both overall and in the sciences), DAT scores, letters of recommendation, interviews, other language test scores, as appropriate, and an assessment of the motivation and personal qualities of the applicant deemed most conducive to successfully completing the

program and the practice of dentistry. At present, only residents of Georgia are being accepted.

How to Apply

**The application for the Entering Class of 2005
will be available beginning June 1, 2004.**

**MCG does not participate in the Association of American
Dental Schools Application Service (AADSAS).**

Inquiries concerning admission should be sent to:

Office of Students, Admissions and Alumni
School of Dentistry
Medical College of Georgia
Augusta, Georgia 30912-1020
706/721-3587
Email: osaas@mail.mcg.edu

[School of Dentistry](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Carole Hanes, chanes@mcg.edu

May 30, 2004



Academic Affairs Handbook

"Creating a More Educated Georgia"

[Academic Affairs Home](#) | [Handbook Search](#)

[Home](#)

[Contents](#)

[Section 1](#)

[Section 2](#)

[Section 3](#)

[Section 4](#)

Academic Affairs Handbook, Section 2.04.01

General Guidelines for Core Curriculum Areas A-E

SUBJECT: General Guidelines for Core Curriculum Areas A-E

SOURCE: Memoranda from Senior Vice Chancellor to Academic Vice Presidents, June 5, 1996; August 22, 1996; October 4, 1996; November 18, 1996; January 15, 1997; November 13, 1997; and October 22, 1999; Memoranda from Deputy/Sr Vice Chancellor for Academic Affairs, July 2, 2000; May 4, 2001

These guidelines are intended to ensure quality and consistency with national patterns of excellence and to ensure that transferability does not emerge as an issue between System institutions.

Since the aim of the core curriculum is to provide students with a broad background in general education, neither Core Areas A-E nor specific courses may be designed or required for special groups of students such as those within programs, departments, schools or colleges within universities. All exceptions must be approved by the Council on General Education.

Courses in the core curriculum must be taught at the collegiate level and clearly address general education outcomes for the institution. They should also show consistency with the institutional mission statement and with the System's core curriculum, principles, vision, and guiding principles.

Institutional proposals for the addition of courses to Areas A through E are to be sent to the Council on General Education for approval.

Institutions may not permit the completion of any course to fulfill requirements in more than one core area (A - F) for any student. Where the same course is authorized in more than one core curriculum area, the student completing the course to meet the requirements of one core area must take another course in the second core area to meet the requirements of the second core area.

Courses with pre-requisites may not be required unless the pre-requisite course is also

required in the Core in Areas A through E. Exception: First Semester of foreign languages.

For students who take foreign language to meet a degree requirement, courses beyond the first elementary course must fit into the 60-hour limitation for the transfer associate degree or the 120-hour limitation for the baccalaureate degree. If a student starts at the first elementary course level, an institution or major has the option of whether to include the course within the appropriate hour limitation.

Foreign language courses are not to be included under the core area designated for the social sciences but may be included in Area C.

Courses in the core curriculum are not to have primary emphasis on studio, performance, field study, or internship components, or otherwise be applied in nature.

Courses in the core curriculum must not carry a fraction of a semester hour of credit.

Pre-calculus or Calculus courses may be required in Area A for specific programs or institutions with the approval of the Council on General Education. Approval will be based primarily upon institutional or program mission, admission requirements and national patterns for similar programs. Programs approved for pre-calculus or calculus in Area A may specify higher-level mathematics requirements in Area D-II.

Mathematics courses other than College Algebra, Introduction to Mathematical Modeling, Calculus, or Pre-calculus may be included in Area A only with the approval of the Council on General Education.

Institutions or programs requiring an advanced mathematics course in Area A having more than three semester credit hours must show these excess credit hours in Area F, if applicable, or in the general degree requirements.

Institutions or programs requiring an advanced mathematics course in Area D having more than three semester credit hours must show these excess credit hours in Area F or in the general degree requirements.

Further clarification of mathematics and science requirements in Areas A and D:

- For students majoring in mathematics, physics, chemistry, biology, engineering technology, architecture, computer science, geology, geography (B.S.), forestry, pharmacy, or physical therapy, pre-calculus will be the required mathematics course in Area A (Essential Skills) at all institutions.
- Institutions may require pre-calculus in Area A for majors in agricultural science, environmental science, science education and mathematics education. (They must file these requirements with their core proposals.) Effective with students entering in summer 2001, pre-calculus will be required in Area A for majors in secondary science or mathematics education at all institutions.

- Calculus is required in Area A for all engineering majors and for all programs at Georgia Institute of Technology.
- All "science" programs approved system-wide for pre-calculus in Area A may specify a higher level math course in Area D.II. (The rest of D.II may not be specified for any particular science).
- In institutions in which trigonometry serves as an immediate prerequisite for Calculus I, then the completion of trigonometry will be regarded as completion of pre-calculus in Area A. Institutions do not need Council on General Education approval to add such trigonometry courses to Area A, but the course catalog and the institution's listing of Area A courses on the core curriculum website (<http://www.usg.edu/admin/acadaff/newcore/a-e.html>) should indicate that the trigonometry course in Area A meets the pre-calculus requirement.
- According to the Learning Support Administrative Procedures, students exiting Learning Support need to be prepared for the institution's first core curriculum course in an area. Thus, a student exiting Learning Support mathematics must be prepared to take College Algebra or Introduction to Mathematical Modeling. A student exiting Learning Support does not need to be prepared to take pre-calculus even if this is the first core curriculum course that counts in the student's major.
- The Council on General Education recommended that the following courses proposed by institutions be rejected as substitutions for algebra or mathematical modeling in Area A; symbolic logic, elementary statistics, and math for liberal arts. (Mathematics courses other than college algebra, mathematical modeling, calculus, or pre-calculus require approval for inclusion in Area A.)
- Area D requirements for health professions majors (D.II.b):
 - Students in the health professions, including nursing, must fulfill the Area D science requirement with a two-semester laboratory sequence in either physics, chemistry, or biology.
 - The only biology courses that may be used to fulfill this requirement are Introductory Biology (designed for non-science majors) and Principles of Biology (designed for science majors).
 - The Survey of Chemistry sequence (CHEM 1151 and CHEM 1152) has been designed for the Area D health professions track (D.II.b). Health professions majors have the option of taking the Survey of Chemistry sequence or the sequence appropriate for science majors (D.II), but they may not fulfill their D.II.b. requirements with chemistry courses designed for non-science majors under D.I.
 - Non-science majors may use the Survey of Chemistry sequence to fulfill the D.I. science requirement, but it may not be used to fulfill the D.II science requirements for science majors not in the health professions.

In Area D, two courses must be entirely science courses; the third course could be

science, mathematics, or technology or an interdisciplinary blend of these three. Technology courses and those in the sciences for Core Area D are to be analytic in nature and have a problem-solving component.

Speech courses may be included in Area C if they include analytical, historical, critical and/or appreciative components. Creative writing and technical communication courses may not be included in Area D.

Courses in the fine arts, social sciences, humanities, and in the institutional options areas of the core should include analytical, historical, critical and/or appreciative realms. These courses should be introductory and broadly focused.

Institutional physical education activity/basic health requirements are not to be placed in Institutional Options. These requirements may be in excess of the maximum number of hours indicated for undergraduate degrees.

Further clarifications in physical education/health requirements:

- Offerings in physical education/health outside the 120 hour limit (or greater if approved) shall be limited to activity, basic health information, first aid, CPR, and safety courses.
- Wellness courses in Area B may contain some basic health and physical education components provided that these are not the primary focus.
- Transferring students taking physical education hours at one institution must not be required to duplicate these hours at the receiving institution.

In addition to physical education activity/basic health courses, an orientation course may be required outside of Areas A through F in excess of the maximum number of hours indicated for undergraduate degrees. Transferring students taking an orientation course at one institution may be required to take an additional orientation course (outside the maximum hours indicated for the undergraduate degree) at the receiving institution.

All institutional categories and appropriate institutional and System literature must reflect the possibility that a student who changes his or her major may have to complete additional hours of coursework beyond those required for completion of the program.

Last Updated: 4/30/2001

[Top](#) | [Home](#) | [Contents](#) | [Section 1](#) | [Section 2](#) | [Section 3](#) | [Section 4](#)

[Academic Affairs](#) | [Leave a Comment](#)

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Last modified: November 13, 2002



Home
Search
News

Academics and Fiscal Affairs

Academics

Academic Affairs Handbook

Official full-text version of this document

Advisory Committees

Academic, Administrative and Ad Hoc Committees

Academic Programs / Degrees and Majors

Program accreditations, proposals, degrees and majors approved for all USG institutions

Chief Academic Officers

Academic Affairs Officers for all USG institutions

Advanced Learning Technologies (ALT)

Advanced Learning Technologies (ALT) is a division of the Board of Regents of the University System of Georgia, Office of Academics and Fiscal Affairs, supports instructional technology activities of System faculty and Staff through a variety of projects and activities.

Core Curriculum Information

Requirements, Institutional Core Curricula, Common Course Numbers, Ombudspersons

Distance Education Resources

Information on distance education opportunities.

Faculty Development

[Faculty Development Calendar](#), Schedule of award nominations, grant proposal deadlines and announcements, conferences, etc.

Georgia P-16 Initiative

Strengthening the educational process from pre-school to college

Office of Information & Instructional Technology (OIIT)

PeachNet, Technical Support Services, Training Services

Office of International Education (OIE)

". . .to provide the international perspective and crosscultural competence required for Georgians to participate effectively as leaders in a global society."

Organization Chart

Organization chart for the Board of Regents Office of Academic and Fiscal Affairs

Regents Centers for Learning Disorders

Assessment services for college students with learning disabilities.

Regents Teacher Preparation Initiative/1998

Principles, Recommended BOR Actions, and Policy for Preparation of Educators

Regents Testing Program

Information on the Regents Exam including practice tests.

Semester Conversion Information

Includes Q&A, conversion calculator, and links to other conversion sites

Strategic Research and Analysis

Enrollment Reports, Information Digests, and other USG statistical data

Student Services

The Office of Student Services is responsible for advising the Chancellor and the Board of Regents on all matters affecting student life on the campuses of the 34 colleges and universities comprising the University System of Georgia.

Fiscal Affairs

Fiscal Affairs

GeorgiaFIRST, Chief Business Officers, Office of Budgets.

Chief Business/Fiscal Officers

Chief Business Officers for USG institutions

GeorgiaFIRST

University System Financial, Information and Reporting Systems of Tomorrow

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Quick Links

- [Academic Calendars](#)
- [Academic Regulations](#)
- [Course Catalog](#)
- [Curriculum Inventory](#)
- [Instructions](#)
- [Forms](#)
- [Legislative Exams](#)
- [Regents Test](#)
- [Request a Transcript](#)
- [Request Enrollment Certification](#)
- [Tuition and Fees](#)
- [Withdrawal](#) (pdf)

Information for:

- [Current Students](#)
- [Prospective Students](#)

Contact Information:

Office of the Registrar
 Medical College of Georgia
 1120 15th Street, AA
 171
 Augusta GA 30912-7315
 Office #: (706) 721-2201
 Office Fax#: (706) 721-0186
 Office Hours 8-5 M-F



How to Request Enrollment Certification

A Letter of Certification is a document which confirms your enrollment at the Medical College of Georgia, your program of study, your anticipated degree and your expected date of graduation. The letter also can include confirmation of your full-time student status if you specifically request this information. The letter may be requested from the Office of the Registrar preferably by submitting a written request. Requests also can be accepted over the telephone or by e-mail.

You may complete a request for a Letter of Certification in the Registrar's Office in room 171 of the Kelly Administration Building on Laney-Walker Boulevard. Office hours at 8:00 a.m. until 5:00 p.m. Monday through Friday.

You also may mail or fax a written request to the Registrar's Office at AA-171 Administration Building, Medical College of Georgia, Augusta GA 20912-7315.



For your convenience, the request form for [Transcript or Letter of Certification](#) is available on line as an (Adobe PDF file). The form is interactive so you may **(1)** complete the form on line, then **(2)** print the form, **OR** you may **(1)** print the form **(2)** then complete in black ink and print legibly.

Once the form is complete, please fax **(706) 721-0186** or send it by mail to:

Registrar's Office
AA-171, Administration Building
Augusta, Georgia 30912-7315

There presently is no charge for a Letter of Certification. **However, no Letter of Certification will be furnished for anyone whose financial obligations to the Medical College have not been met.** You will be notified if this is the case.

When possible, requests should be made well in advance of the date when the letter is needed. Letters will be sent out in approximately one week; however, allow additional time during peak periods.

[Back to the Top](#)

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[Registrars Home Page](#)

[Students](#) | [Prospective Students](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Rita Garner, Associate Registrar, registrar@mail.mcg.edu.

December 11, 2003



Board of Regents Policy Manual

The University System of Georgia

408.02 IMMUNIZATION REQUIREMENTS

STUDENTS - All new students (first-year, transfers, and others) attending regularly scheduled classes or receiving resident credit will be required to submit a Certificate of Immunization (measles, mumps, rubella) prior to attending such classes. The certificate will be kept on file at the institution and will be valid throughout the tenure of the student. Persons covered by this policy who were born prior to January 1, 1957, must show evidence of immunity for rubella (date must be after June 6, 1969). For all other students, evidence must be provided of MMR immunity (date must be after 1970) or separate immunizations for measles (after March 4, 1963), mumps (after April 22, 1971) and rubella (after June 9, 1969).

Except for students who have religious objections and students whose physicians have certified that they cannot be immunized because of medical reasons, students who have not presented evidence of immunization as set forth above, will be denied admission to an institution or other facility of the University System until such time as they present the required immunization certification.

Institutions may exempt from this policy students who receive instruction solely via a medium that does not require physical attendance on a University System campus or off campus site (i.e., students who receive instruction via electronic media, correspondence).

This exemption would become void were a student to register for or attend classes on a University System campus or off campus site.

For exceptional and unusual circumstances, an institution may defer the immunization requirements for a period not to exceed thirty (30) calendar days from the first day of classes. Upon the expiration of a thirty-day period, no person will be permitted to attend classes until the required immunization record is on file.

The certification must be on a form provided by the University System of Georgia and signed by a physician or an official of a county health department. The specific requirements will be set forth on the University System of Georgia form/certificate. Requirements will be reviewed periodically and the form/certificate will be revised appropriately with regard to prevailing health risks and available vaccines. Institutions are authorized to impose additional immunization requirements for students when, in the opinion of the president of the institution and with concurrence of the Chancellor, there is a substantial risk of exposure to other communicable diseases

preventable by vaccination (BR Minutes, 1990-91, p. 114).

Medical College of Georgia New Student Orientation

[A-Z Index](#) | [MCG Home](#)

NOTE: This orientation is for new students in the Schools of Allied Health Sciences, Graduate Studies and Nursing.

PRESIDENT'S MESSAGE

Dr. Daniel W. Rahn

School of Allied Health Sciences

Dental Hygiene
Health Information Management
Medical Technology
Occupational Therapy
Physical Therapy
Physician Assistant
Radiologic Sciences
Respiratory Therapy

School of Graduate Studies

Biomedical Sciences
Graduate Nursing
Medical Illustration
Oral Biology

School of Nursing

RN to BSN
BSN

I am pleased to welcome you to the Medical College of Georgia, a freestanding, public academic medical center with a rich past and a promising future. Over the past 173 years, the faculty of the Medical College of Georgia have educated more than 27,000 health care professionals 10,000 physicians, nearly 1,500 dentists, more than 500 biomedical scientists, and more than 15,000 allied health and nursing professionals. From our first class of four students to a current enrollment of nearly 2,000, MCG's mission has remained constant to improve health and reduce the burden of illness in society through education, research, and clinical care.



You begin your education at the Medical College of Georgia at a time of extraordinary scientific opportunity. Private and public funding for basic and clinical research has reached unprecedented levels. Advances in the biomedical sciences are transforming our society.

You also begin your education at a time of extraordinary societal need. While the health status of Americans has increased dramatically in recent years, alarming disparities exist among rural populations and among racial and ethnic minorities. As health care practitioners, we must make improvements in health care access and service delivery to improve the health status of all Americans.

Georgia, indeed many states, is experiencing a serious shortage of nursing and allied health professionals. Physical therapists, occupational therapists, respiratory therapists, health information administrators, and physician assistants are among the health care

fields projected to experience the highest percentage of growth in Georgia over the next five years. Of the 20 fastest growing occupations in the state, half are in the health services industry.

This really is an exciting time to embark upon a career in health care or biomedical research. When you graduate, you will be an expert practitioner ready to tackle complex medical problems and biomedical mysteries. You also will be prepared for lifelong learning. To keep pace with the rapid advances in biomedical sciences, you must always be a student at heart.

The Medical College of Georgia is a community of healers, of teachers, of discoverers. You're entering class are the newest members of that community. I wish you the best of luck in your studies. Thank you for entrusting your professional education to the Medical College of Georgia.

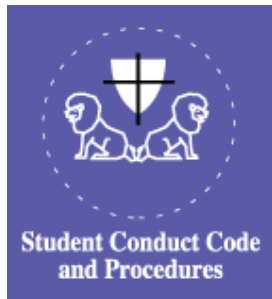
[Begin Your Orientation](#)

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[Students](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Robert Cross, [ACADEMIC ADMISSIONS](#).

July 08, 2002



Student Conduct Code and Procedures

Student Rights

Students will be accorded due process in disciplinary matters including a right to know of charges against them, the right to a hearing before a tribunal and the right to appeal to the President.

General Policies

Note: Students are adult members of the community and are subject to prosecution for criminal acts on or off campus. Campus police are state law enforcement officers with full powers of arrest. Students may not assume that activities on the campus provide them with any special protection.

Prosecution for criminal acts on or off campus will not preclude action by the school where such acts also violate the Student Conduct Code. This action is not recognized legally as "double jeopardy." The Medical College of Georgia has an obligation to uphold the laws of the larger community of which it is a part. While the activities covered by the laws of the larger community and those covered by MCG's rules may overlap, the community's laws and MCG's rules operate independently and do not substitute for each other. MCG may enforce its own rules whether or not legal proceedings are planned or are under way, and may use information from third-party sources, such as law enforcement agencies and the courts, to determine whether university rules have been broken. Conversely, the university makes no attempt to shield members of the MCG community from the law, nor does it intervene in legal proceedings against a member of the community. Membership in the MCG community does not exempt anyone from local, state or federal laws, but rather imposes the additional obligation to abide by all MCG regulations.

The Medical College of Georgia subscribes to the principle that all enrolled students will be provided due process in judicial matters. Subscription to this principle assures each student of:

- a. Proper written notice of the charges against him/her.
- b. A hearing (oral proceeding before a tribunal)
- c. Access through proper appeal procedures to the president of the institution

Procedures providing due process will be prescribed by the Judicial Committee

[Student Rights](#)

[General Policies](#)

[Institutional Authority for Discipline of Students](#)

[Student Conduct Code \(Student Responsibilities\)](#)

[Administration of Judicial Procedures](#)

[Judicial Committee Proceedings](#)

[Penalties](#)

[Judicial Records](#)

[Temporary Suspension](#)

[Provisions for Honor Systems Within Each School](#)

[Appeals](#)

subject to the approval of the Faculty Organization, Student Affairs Committee and the president of the Medical College of Georgia. The Judicial Committee will administer these procedures. The final authority in judicial rules and procedures is the president.

The university may apply penalties or take other appropriate action when student conduct directly and significantly interferes with the university's:

- a. Educational responsibility for ensuring the opportunity of all members of the university community to attain their educational objectives
- b. Responsibilities for protecting property, keeping records, providing living accommodations and other services, and sponsoring non-classroom activities such as lectures and social functions
- c. Responsibility for maintaining individual student conduct appropriate to students on and off campus.

Institutional Authority for Discipline of Students

The Board of Regents has adopted the following policy concerning institutional responsibility for the discipline of students. ([BOR Policies, p.145](#)).

"Admissions, discipline, promotion, graduation and formulation of all rules and regulations pertaining to students of institutions of the University System are matters to be handled by the institution within the framework of regulations of the Board of Regents. Students violating rules and regulations of an institution may be punished, suspended, excluded or expelled as may be determined by the institution."

Student Conduct Code (Student Responsibilities)

The following is a statement of the responsibilities of students, as individuals and as groups at the Medical College of Georgia. It is the official record of conduct rules and regulations affecting students.

The responsibilities apply to the Medical College of Georgia campus, property of other units of the University System of Georgia, institutions with formal or informal agreements with the Medical College of Georgia and MCG-sponsored functions on or off campus.

A. Academic Dishonesty (Cheating)

The university recognizes honesty and integrity as being necessary to its academic function. The following regulations protect the equity and validity of the university's grades and degrees, and help students develop standards and attitudes appropriate to academic life.

1. No student will receive assistance not authorized by the instructor in preparing any assignment, essay, laboratory report or examination to be submitted as a requirement for an academic course.

2. No student will knowingly give unauthorized assistance to another person in the preparation of any assignment, essay, laboratory report or examination to be submitted as a requirement for an academic course.
3. No person will sell, give, lend or otherwise furnish to any unauthorized person material that can be shown to contain the questions or answers to any examination scheduled to be given at any subsequent date, in any course of study offered by the university excluding questions and answers from tests previously administered and authorized for release by the administering faculty member.
4. Plagiarism is prohibited. Themes, essays, term papers, tests and other similar requirements must be the work of the student submitting it. When direct quotations are used, they must be indicated, and when the ideas of another are incorporated in the paper, they must be appropriately acknowledged.
5. Fraudulent research activity is prohibited. Misrepresentation of data collection and analysis, including falsification, fabrication or omission of data is prohibited.
6. Any person taking, or attempting to take, steal or otherwise procure in any unauthorized manner any material or information pertaining to the conduct of a class including tests, examinations, laboratory equipment, roll books, etc., violates this regulation.

B. Conduct Irregularity

1. **Damage to Property:** Malicious damage or destruction of property belonging to the university or to a member of, or visitor to, the university community is prohibited.

2. Disorderly Assembly

a. No person will assemble on campus to create a riot or destructive or disorderly diversion that interferes with the normal educational process and operation of the university. This section does not deny any students the right of peaceful assembly in accordance with university policy.

b. No person or group of persons will obstruct the free movement of other persons about the campus, interfere with the use of university facilities or prevent the normal operation of the university. (See the Board of Regents Policy Statement on Student Conduct in Appendix B.)

c. The abuse or unauthorized use of sound amplification equipment indoors or outdoors during classroom hours is prohibited.

3. Disorderly Conduct

- a. Behavior which disturbs the academic pursuits, or infringes upon the privacy, rights or privileges of other persons is prohibited.
- b. No person will push, strike, physically assault (including acquaintance rape), harass (verbally, physically or sexually), haze or threaten any member of the faculty, staff, student body or any visitor to the university community.
- c. Disorderly conduct on or in university property or functions sponsored by the university or any recognized university organization is prohibited.
- d. No student will enter or attempt to enter any dance, social or other university-sponsored event without required credentials for admission, i.e., ticket, identification card, invitation, etc., or any other reasonable qualifications for attendance established by the sponsors. At such university functions a student must present proper credentials to appropriately identified personnel upon their request.
- e. Conduct which is lewd, indecent, obscene or patently offensive to the prevailing standards of an academic community is prohibited.
- f. No person will interfere with, or fail to cooperate with, any properly identified university faculty or staff personnel while these persons are performing their duties.
- g. Students are required to wear the MCG photograph identification badge while on campus or other property operated by the university. The badge must be visible at all times and presented upon the request of a university official.

4. Dress: Dress is primarily a matter of individual judgment. Students, however, are expected to be neat and clean and to exercise good judgment in their appearance pursuant to our professional setting.

5. Falsification of University Records (including misrepresentation by omission)

- a. No person will alter, counterfeit, forge, falsify or cause to be altered, counterfeited, forged or falsified, any university record.
- b. Each person must complete any university record accurately and honestly.
- c. No person will give false information or fail to disclose information to university representatives.

6. Drugs and Narcotics: The use, possession or distribution of narcotics,

amphetamines, barbiturates, marijuana, hallucinogens and any other dangerous or controlled drugs not prescribed by a properly licensed physician is prohibited on or off campus.

7. Violations of Law Governing Use of Alcohol: Violations of any federal, state or local laws on or off campus governing the use, manufacture, distribution, sale and transportation of alcoholic beverages is prohibited. Alcoholic beverages are strictly prohibited on campus except at approved events (see MCG Administrative Policies and Procedures 2.2.01) and within individual residence hall living units (rooms/apartments) as described in residence hall policies.

8. Conduct Irregularity while Under the Influence: Any student guilty of a conduct irregularity while under the influence of any mind-altering substance may be subject to more severe disciplinary action than might otherwise be given (for example: while performing direct patient care).

9. Violation of local, state or federal law, on or off the campus, which constitutes (or creates a substantial likelihood of) material interference with the normal, orderly operation and processes of the university, is prohibited.

10. Fire and Explosion Safety

- a. No person will tamper with fire safety equipment.
- b. No person will set or cause to be set any unauthorized fire in or on university property.
- c. The possession or use of fireworks or explosives on university property is forbidden. Fireworks and explosives are defined as any substance prepared to produce a visible or audible effect by combustion, explosion or detonation.
- d. No person will make or cause to be made a false alarm.

11. Gambling: The playing of cards, pool or other games of skill or chance for money or other items of value is prohibited.

12. Theft: No person will take, attempt to take or keep in his possession, items of university property or items belonging to students, faculty, staff, patients or student groups without proper authorization. This includes theft by fraud and/or deception and encompasses, among other things, illegalities involving financial matters.

13. Unauthorized Entry or Use of University Facilities:

- a. No person will make unauthorized entry into any university building, office or other facility nor will any person remain without authorization in any building after normal closing hours.
- b. No person will make unauthorized use of any university facility.

Upon appropriate notice by university officials, authorization for the use of university facilities may be withdrawn or otherwise restricted.

14. Firearms and other lethal weapons:

Firearms and other lethal weapons are prohibited on campus.

15. Violation of professional ethics in clinical work and in dealing with patients and members of the medical community is prohibited.

16. Any violation of the policies and regulations of the [Medical College of Georgia](#) or the [Board of Regents of the University System of Georgia](#) is prohibited. Many of these policies are available through the institutional website at www.mcg.edu.

Administration of Judicial Procedures

A. System for Conducting Hearings

1. Types of Hearing Bodies.

a. Honor councils may operate within the various schools of the institution, where such courts have jurisdiction over their respective students in matters of academic cheating and plagiarism.

b. Students living in the residence halls are bound by the provisions of the housing agreement, the housing rules and regulations as communicated by the Housing Office and the student responsibilities stated herein. Violations may result in the university canceling the housing agreement and/or the filing of judicial charges. The director of housing provides initial jurisdiction and may refer violations directly to the campus judicial system.

c. The Judicial Committee will have jurisdiction over disciplinary matters not governed by the honor council of the respective school and will have total jurisdiction over students enrolled in a school in which an honor system does not operate.

2. Concurrent Violations (Overlapping Jurisdiction). In cases in which a student indicates he is being tried by an improper hearing body, he may request that his case be transferred to a different hearing body by petitioning a committee composed of the chairmen of the two judiciary bodies and the director for Student Affairs. (The director for Student Affairs will be a non-voting member of this group.)

3. Composition and Organization of the Judicial Committee.

a. The Judicial Committee will consist of 11 members: a (faculty) chairman and five students (one from each school) appointed by the president of the Student Government Association and five

faculty/administrators (one from each school) appointed by the president of the Medical College of Georgia. When a judicial hearing is required, a panel of five or more for the hearing will be selected (plus the chairman) with at least two faculty and two student members on the panel. The chairman will be non-voting except in case of a tie. The committee term of office will be June 1-May 31.

b. The director of student affairs or his designated representative will represent the institution's interests as the judicial officer.

c. At least once each year, the Judicial Committee will review the organization and operation of the court procedure.

4. Amendments to due process procedures and rules may be made by the Judicial Committee upon approval of the Faculty Organization, Student Affairs Committee and the president.

B. Jurisdiction

The Judicial Committee will have authority over all the enrolled students (full- and part-time) of the Medical College of Georgia.

Judicial Committee Proceedings

1. Any member of the faculty, administrative staff or a student(s) may bring charges against a student(s) by presenting them in writing (along with any available evidence) to the dean of the appropriate school and director of Student Affairs except for cases under the jurisdiction of the individual schools' honor councils. The director of Student Affairs will then forward the charges to the chairman of the Judicial Committee.

2. The judicial officer, in consultation with the chairman of the Judicial Committee, will notify the student (in writing) of the charges being brought forth. At this time, the chairman will inform the student of the student's right to remain silent and to select a person, not an attorney, from the university to assist in his defense. A written statement of the specific charges will contain (a) possible punishment or penalty, (b) the grounds which, if proven, would justify the expulsion or suspension under the rules, regulations or standards, (c) names of the witnesses against the accused, (d) a report on the facts to which each witness will testify and (e) the date, time and place of the hearing, given to the student at least five days prior to the hearing to allow the student time to prepare a defense. Hearings will be held within one academic semester following the filing of the charges. If a student does not enroll in a semester during which a hearing is scheduled, he must return for the hearing as any regularly enrolled student.

3. At the discretion of the judicial officer, the student may be offered the opportunity to waive the hearing and accept the decision of the judicial officer regarding punishment without contesting the charges. The student will sign a written waiver which states that he is fully aware of the rights to which a student is entitled and that the student also agrees to accept the penalty decision of the judicial officer. A student may be tried without being present at the hearing if the

accused student chooses not to appear and does not sign the appropriate waiver.

4. The committee will be called into session by the chairman. Five voting members must be present for a quorum. The hearing will be closed. Guests may attend by consent of the accused student, judicial committee members and the judicial officer.

5. The proceedings of the meetings will call for the judicial officer to present the case of the institution along with the evidence and witnesses that he deems appropriate. The student will then have the opportunity to present his defense personally. After both cases have been presented, the committee will have an opportunity to question both the judicial officer and the student. The student, his representative and the judicial officer may remain in the hearing for all presentations. A tape recording will be made of the procedures of the Judicial Committee except for the deliberation. This tape recording will be made available to the accused student by the Division of Student Affairs if he wishes to appeal. The recording will be kept on file for three years and will be available to the student at his request.

6. The student and the judicial officer, along with their witnesses, will then be excused from the room for the committee to deliberate. A majority is needed for a determination.

7. When the committee has reached a consensus, it will call the accused student back into the room to read its findings. Written reports of the meeting, including the final recommendation, will be made to the vice president for enrollment and student services.

8. The vice president for enrollment and student services may accept, reject or modify the committee's recommendation.

9. Upon receiving the vice president for enrollment and student services' decision, the student shall be notified of his right to appeal within five days to the president of the Medical College of Georgia.

10. Students have the right to appeal final decisions of the president to the Board of Regents of the University System in accordance with Article IX of the Bylaws of the Board of Regents.

Penalties

The following are possible penalties for an infraction of the Student Conduct Code of the Medical College of Georgia. This list is not complete and other penalties may be chosen to meet the particular circumstances in any given case.

1. Expulsion: The permanent denial of the individual's privileges to attend the university.

2. Dismissal: The involuntary, indefinite separation from the university. Re-admission may be contingent upon satisfying specific conditions imposed as a part of the penalty.

3. Suspension: The termination of the student's privilege to attend the university for a specified period. The penalty imposes no bar to re-admission upon expiration of the period.

4. Administrative probation with restrictions: An official warning that the student's conduct violates the Student Conduct Code but is not sufficiently serious to warrant expulsion, dismissal or suspension. This type of probation may be imposed for varying periods of time. The restrictions imposed may vary according to the gravity of the offense. More serious restrictions include: the inability to hold office in the university, the inability to represent the university at any official function and the termination of financial aid administered by the university. Continued enrollment depends on maintaining satisfactory citizenship during probation. A favorable recommendation normally will not be furnished by the university during probation.

5. Administrative probation: An official warning that the student's conduct violates the Student Conduct Code but is not sufficiently serious to warrant expulsion, dismissal or suspension. This type of probation does not carry concurrent restrictions. Continued enrollment depends on maintaining satisfactory citizenship during probation. A favorable recommendation normally will not be furnished by the university during probation.

6. Restitution: A payment by the student found guilty of financial injury to an innocent party in cases involving theft, destruction of property or deception.

7. Academic sanctions: In addition to other penalties, faculty may impose appropriate academic sanctions.

8. Such other sanctions as may be recommended by the Judicial Committee.

9. Temporary suspension.

10. When criminal charges are pending against a student for violation of local, state or federal laws, action may be deferred on university disciplinary charges arising out of the same facts until the student's criminal trial has been completed, not including appeals, if such deferral is deemed in the best interest of the student and the university community. However, a deferral of disciplinary action may stipulate that the student not be allowed to graduate or enroll for subsequent semesters until the disciplinary charges have been settled. If such stipulations are imposed, the student may at any time request that the charges be heard immediately pursuant to student conduct code and procedures.

Judicial Records

In the case of dismissal and expulsion, a notation of the penalties will be made on the student transcript (Dismissal for Disciplinary Reason).

If a student requests transcripts to be sent to another party and a judicial conviction subsequently takes place regarding an incident occurring prior to the transcript forwarding, a follow-up transcript will be sent including an appropriate statement regarding the action.

Temporary Suspension

When, in the judgment of the president, provost or their designated representatives, teaching or research activities, administrative functions, extracurricular programs or other authorized activities on institutional premises are obstructed or disturbed by a student's behavior and when such behavior is continued beyond a request that it be terminated, the president, provost or their designated representatives may temporarily suspend that student for a maximum of 10 calendar days. Effective immediately, the student's activities are subject to the restrictions set forth under regular suspension.

A report on the student's behavior and of the suspension action will be forwarded to the Division of Student Affairs. Referral then will be made to the Judicial Committee, which must provide a hearing for the student involved not later than 72 hours after the effective date of the temporary suspension. Referral and hearing procedures will be the same prescribed for any other disciplinary situation.

If the Judicial Committee recommends disciplinary action less severe than suspension, the period of temporary suspension will automatically terminate. If the committee's decision recommends either suspension or expulsion, the temporary suspension will continue during any period of appellate review. In either case, normal channels for appealing the committee's decision will be open for use by the student involved pursuant to the student conduct code and procedures.

If the student is found not guilty, he will be permitted to make up all academic work missed during his temporary suspension.

Provisions for Honor Systems Within Each School

Schools handle disciplinary actions according to their individual honor codes. Copies of the honor codes may be obtained from:

1. *School of Allied Health*--No honor code. Any judicial actions taken follow the procedures listed in the Student Handbook under [Student Conduct Code](#).
2. *School of Dentistry*--Associate dean for Student Admissions and Alumni, School of Dentistry, room 1106, (706) 721-2813. [Student Conduct Code](#). (30 page PDF file)
3. *School of Graduate Studies*--No honor code. Any disciplinary actions taken follow the procedures listed in the Student Handbook under [Student Conduct Code](#).
4. *School of Medicine*--Associate dean for Admissions and Student Affairs, Kelly Building--Administration, room 2040.
5. *School of Nursing*--No honor code. Any disciplinary actions taken follow the procedures listed in the Student Handbook under [Student Conduct Code](#).

Appeals

Any person in the University System aggrieved by a final decision of the president of an institution may apply to the Board of Regents, without prejudice to his or her position, for a review of the decision. The application for review shall be submitted in writing to the Board's Senior Vice Chancellor for Support Services or designee within a period of twenty days following the decision of the president. It shall state the decision complained of and the redress desired. A hearing before the Board (or a Committee of or appointed by the Board) is not a matter of right but is within the sound discretion of the Board.

The Board may, in its discretion, refer a matter for mediation, arbitration, or evaluation of settlement options. If an application for review is granted, the Board, a Committee of the Board, a Committee appointed by the Board, or a hearing officer appointed by the Board shall investigate the matter thoroughly and report its findings and recommendations to the Board. The decision of the Board shall be final and binding for all purposes.

[Information For Current Students](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:
David Wardlaw, dwardlaw@mail.mcg.edu

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January 13, 2003



Student Health Insurance Requirement

Policy Statement

The Medical College of Georgia is committed to the principle that all students should have adequate health care. Therefore, all MCG students who are enrolled in a full time degree or certificate program are required to carry comprehensive health insurance coverage that meets the minimum benefit standards defined by the university. Accordingly, **you will be automatically enrolled in an MCG negotiated group health insurance plan and billed for the semi-annual premium** concurrently with your regular tuition and fees. Any financial aid you receive will be applied to the payment of your entire bill, including the insurance premium. You must pay any difference at registration.

[DETAILS on the group health insurance plan for Fall 2003, Spring 2004 and Summer 2004](#)

[DETAILS on the group health insurance plan for Fall 2004, Spring 2005 and Summer 2005](#)

Site unavailable June 4-5

[Changes for Fall 2004](#)

[Frequently Asked Questions](#)

If you have other insurance that meets the university's minimum benefit standards and wish to opt out of the MCG negotiated plan, you may do so by completing the online student health insurance waiver form (link below) by the following deadline dates:

New (incoming) students in Medical Technology, Physician Assistant or RN-BSN	May 3
New (incoming) students in BSN	June 9
All other new (incoming) students and all returning students	July 19

If your waiver form is not received by 12:00 noon on the deadline date for your program, you will be automatically enrolled in and billed for the MCG negotiated group health insurance plan. This process must be repeated annually for the duration of your matriculation at MCG.

Pay close attention to these deadlines. There will be no refunds or billing adjustments made except in the case of MCG error.

If you have any questions about the waiver process or the specific

details of the MCG negotiated group health insurance plan, please refer to the informational links at left.

By completing and submitting the online student health insurance waiver form, I certify that I have read the above stated MCG policy on student health insurance and understand that I am required to carry comprehensive health insurance protection. Such protection must meet the minimum benefit standards, as recommended by the Student Services Committee, outlined below:

- major medical coverage of at least \$1,000,000
- hospitalization and surgery benefits
- outpatient ambulatory benefits
- mental health benefits (minimum of 50% reimbursement)
- substance abuse coverage
- out of pocket loss maximum of \$2000 per year plus deductible

I also understand that it is my responsibility to determine that my coverage meets the minimum benefit standards.

I also understand that failure to provide correct policy information on this form and/or failure to fully comply with the health insurance requirement is a violation of the Student Conduct Code. A student found guilty of a Student Conduct Code violation is subject to penalties which may include suspension, dismissal or expulsion.

[Proceed to the Student Health Insurance Waiver Form for Summer 2004 \(incoming\), Fall 2004, Spring 2005 and Summer 2005](#)

Student Affairs
Medical College of Georgia
1120 Fifteenth St., DA-206
Augusta, GA 30912-7325
Tel: 706.721.3356
Fax: 706.721.2134

[Student Affairs | Medical College of Georgia](#)

David Wardlaw, dwardlaw@mcg.edu.
May 20, 2004

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Medical College of Georgia

Student Center Bookstore

[A-Z Index](#) | [MCG Home](#)

The staff of the Student Center Bookstore is always ready to help you with any of your buying needs, so please ask whenever you need assistance. Remember the store is here to support the needs of a busy Health Sciences University. The Student Center Bookstore stresses good customer service while offering a wide variety of items for sale, in addition to textbooks and supplies.

The Computer Sales Department at the Medical College of Georgia provides sales and assistance to MCG students, faculty and staff regarding a full line of educationally priced computer products including hardware, software, books and accessories.



Text Books:	Order Now
Computer Systems:	Apple
Computer Software:	Specials
Computer Accessories:	Palm Organizers, Cables, etc.
Clothing:	MCG Golf Shirts, Sweatshirts
Diploma Frames:	Church Hill Classics
Invitations and More:	Jostens
Official Rings:	Jostens
Forms (PDF format):	Course Book Request Special Order

Store Hours: Monday-Friday, 8:30 a.m. to 5:30 p.m.

Toll-Free (800) 721-3582 Phone (706) 721-3581

[Auxiliary Services](#) | [Medical College of Georgia](#)

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Please email comments, suggestions or questions to:
bookstore@mcg.edu.

October 23, 2003

Career Services

[Detailed Instructions](#)

[Career Opportunity Day](#)

[Other Sites of Interest](#)

Job placement assistance is provided to MCG students and alumni via [GeorgiaHire.com](#).

GeorgiaHire.com is owned by the University System Committee on Career Services and Cooperative Education (USC-CACE) of the University System of Georgia. The service is powered by MonsterTRAK, a leading global online network for careers, connecting the most progressive companies with the most qualified career-minded individuals. GeorgiaHire.com provides a repository for MCG students and alumni to deposit their resumes into a statewide database for review by prospective employers.

Additionally, GeorgiaHire.com allows employers to post job openings, which Georgia students and alumni may find of interest. Employers who wish to post a job should contact [MonsterTRAK](#) at 800-999-8725 or enter GeorgiaHire.com and follow the employer links to posting a job. Be sure to indicate to MonsterTRAK that you were referred through GeorgiaHire.com.

Students are encouraged to consult faculty in their school/department for in-depth placement counseling. Also, watch for periodic placement fairs advertised in campus publications.



[Student Affairs](#) | [Medical College of Georgia](#)

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Please email comments, suggestions or questions to:
David Wardlaw, dwardlaw@mcg.edu.
January 10, 2004

[Table of Contents](#)[New Policies](#)[Updated Policies](#)[Print Policy](#)

(5 page PDF File)

[Information Technology
Security Administration](#)

*Medical College of Georgia Administrative Policies and Procedures
Office of Primary Responsibility: Information Services Division
No. 2.4.06*

Information Systems Security and Computer Usage

The Medical College of Georgia Information Systems Security and Computer Usage Policy is to be used in conjunction with existing MCG policies and procedures. Each individual is responsible for the appropriate use and protection of information systems resources. Each manager/supervisor is responsible for appropriate enforcement of the policy in conjunction with normal supervisory activities.

1.0 PURPOSE

The purpose of this policy is to ensure that information systems resources are used in an appropriate and responsible manner consistent with the mission of the institution, and that the use of these resources is in accordance with MCG policies, procedures, federal and state law.

2.0 SCOPE

This policy applies to all information systems resources which includes all data and hardware regardless of media, the facilities containing them, and the supporting software and hardware including host computer systems, workstations, systems software, application software, datasets and communications networks either direct or remote that are controlled, administered or accessed by MCG students, faculty, employees, visitors or any other person accessing from on-campus as well as off-campus.

3.0 STATEMENT OF POLICY

The appropriate use and protection of all information systems and associated resources is expected from all users including faculty, students, employees, and visitors throughout the institution.

"Appropriate use" of information systems resources is defined as use which is for the purpose of furthering the mission of MCG.

All users of information systems resources are expected to comply with existing MCG Policies and Procedures and those of the University System. In addition, users are expected to honor copyrights and

software licenses and comply with all federal and state laws including those prohibiting slander, libel, harassment and obscenity. Users must obey laws prohibiting the private use of state property. Information that is confidential by law, including educational and medical records must be protected.

Users must be aware that information stored or transmitted electronically (or via computer), including e-mail, may be subject to disclosure under open records laws. Users should have no expectation of privacy for information stored or transmitted using MCG information resources except for records or other information that is confidential by law (i.e., medical and educational records).

Information systems resources are to be used as expressly authorized by MCG administration and management.

The information systems user is responsible for the general protection of resources.

4.0 GENERAL RESPONSIBILITIES

4.1 Resource Owner

The owner of each information system resource is the manager or administrator most closely fitting the role of "natural responsibility." The resource owner of enterprise wide information systems will be declared by the appropriate steering committee or their designee during the procurement or development process. The owner is the person or group responsible for analyzing the value of the resource and its security classification. The owner specifies controls and authorizes data usage. Department heads will assume the role of owner for their department's data or will appoint a security administrator or coordinator. It is explicitly noted however that the patient is the owner of clinical data no matter where the data resides at MCG.

The responsibilities of the owner include:

- Declare ownership.
- Determine the sensitivity of the resource and classify it.
- Determine applicable issues related to law, accreditation, etc.
- Determine who should have access to the data.
- Determine the appropriate level of physical access security.

- Determine the appropriate level of logical access security.
- Mandate to the custodian or customer/client to use "virus protection software" where appropriate.
- Specify any additional security controls and communicate them to the custodian.
- Determine the requirements for business contingencies.
- Determine record retention requirements.
- Review access activities pertaining to the resource.

4.2 Custodian

The custodian is the person or group responsible for control and protection of the resource. The custodian administers owner-specified business and asset protection controls for information and data in custody. The custodian provides appropriate physical security for any hardware, software and data in custody. The custodian provides appropriate access security for any information systems resource in custody. Based on the owner's recommendation, the custodian is required to implement the appropriate level of physical access security and logical access security for those authorized to access the system and to maintain records of access privileges. The custodian provides security from other threats where appropriate and must include the use of "virus protection software". The custodian of the MCG information systems resource must obtain permission from the owner to access, copy or modify the resource in any way. The ability to access, copy or modify does not imply permission to do so.

MCG is the custodian of clinical data.

4.3 Customer/Client

The customer/client is the person who, upon authorization, uses the resource as required by assigned job function.

The customer/client is required to:

- Treat information and associated resources as valuable assets.
- Use MCG information systems only for lawful and authorized purposes.
- Observe policies and procedures as defined by management and administration.
- Protect the resource from physical or environmental

- compromise.
- Protect the area from unauthorized access.
- Protect passwords.
- Protect the software and files in custody from compromise.
- Use only authorized software.
- Lock up storage media containing sensitive data.
- Back up personal files and individual software.
- Report security violations.
- Recognize accountability for improper use of information systems resources.

5.0 ACCESS CONTROLS

Access to information resources at MCG is based on "least privilege" authorization by duties and "need to know". Access must be protected at a level commensurate with its classification.

5.1 Security Classification Categories

5.1.1 Patient/Student

Patient and student oriented data are considered to be of the highest classification and therefore must be afforded the highest level of protection. Improper release of or access to these data could violate the individual's legal right to privacy under Federal or State law.

5.1.2 Sensitive Administrative

Sensitive administrative data is considered to be the next highest level of classification. Data in this category includes such items as personnel, grant and payroll information, office memoranda containing information considered confidential, and other similar information. Any manipulation of data affecting official records of the institution causes the subject data to fall into this category. Publicly accessible information subject to the "Georgia Open Records Act" must be accessed through the appropriate measures to ensure accuracy.

5.1.3 Functional Administrative

Administrative information resources such as support service reports, statistical data, records

documentation, appointment schedules, routine office memoranda and other related information used to help job functions must be afforded at least a moderate level of protection. This information may have some restrictions for viewing but in any case must be protected since misuse of this type of information resource could result in loss of efficiency to the organization across departmental boundaries.

5.1.4 Other

Other information resources although possibly open for public view must still be afforded some protection from loss or damage due to the investment in resources used to create it within the department. Training materials, employee guidelines, etc. could fall into this category.

5.2 Logical Security

The appropriate level of logical access security is to be designed into the system and implemented in accordance with the level of need. Logical security refers to any programmatic controls including authorization by user-id and passwords, limiting access attempts, inactivity sign-off's, transaction journals, imbedded codes for auditing and tracking, limiting functionality by assignment, etc.

5.3 Physical Security

Many "physical security" controls such as protection from fire or other hazards are covered in other MCG policies and procedures regarding basic safety. The Medical College of Georgia requires new employees to complete a "Safety Awareness" training session as part of new employee orientation. A "Safety Guide" is published and is available from the personnel department.

6.0 RISK ASSESSMENT

The designated resource owner must decide to what degree potential losses will be insured against or controls adjusted to reduce the potential for loss.

6.1 Threats

The designated resource owner is responsible to determine what level of protection must be implemented regarding various risks such as:

- Errors and omissions
- Carelessness
- Vandalism to hardware or software, including data
- Disgruntled employees
- Damage to facility or infrastructure
- Theft
- Unauthorized use of resources
- "Viruses" or other external malicious code resulting from unauthorized software use
- Unauthorized alteration or manipulation of programs and data
- Invasion of privacy (especially student or patient data)

6.2 Backup/Recovery

All information systems data and software components must be backed up at a frequency commensurate with their security classification level. Redundancy and off site storage must be considered for the highest level of protection. ISD Operations is responsible for ensuring appropriate backup and recovery procedures are in place for all central host files. The Departmental System Administrator is responsible for ensuring appropriate backup and recovery procedures are in place for all departmental system files. The custodian of each personal computing workstation is responsible to maintain proper backups for software and data loaded on internal media.

6.3 Business Contingency

The resource owner is required to develop a business contingency plan based on loss of resource due to disaster or other unexpected circumstance.

6.4 Disaster Recovery

The departments and ISD are responsible to coordinate efforts to ensure disaster recovery procedures are in place. The resource owner must identify critical resources to be protected.

6.5 Archival

The resource owner is required to specify archive requirements at the time of system development.

7.0 AWARENESS

It is the responsibility of each manager/administrator supervising

information systems access to determine the amount of awareness necessary to properly protect the resource involved.

8.0 HARASSMENT

No member of the community may, under any circumstances, use The Medical College of Georgia computers or networks to libel, slander, or harass any other person.

The following shall constitute computer harassment:

Intentionally using the computer to annoy, harass, terrify, intimidate, threaten, offend or bother another person by conveying obscene language, pictures, or other materials or threats of harm to the recipient or the recipient's immediate family.

Intentionally using the computer to contact another person repeatedly with the intent to annoy, harass, or bother, whether or not any actual message is communicated, and/or where no purpose of legitimate communication exists, and where the recipient has expressed a desire for the communication to cease.

Intentionally using the computer to contact another person repeatedly regarding a matter for which one does not have a legal right to communicate, once the recipient has provided reasonable notice that he or she desires such communication to cease (such as debt collection).

Intentionally using the computer to disrupt or damage the academic, research, administrative, clinical or related pursuits of another.

Intentionally using the computer to invade the privacy, academic or otherwise, of another or the threatened invasion of the privacy of another.

9.0 TRAINING

The ISD Customer Service Representative will contact System Administrators to set up in-house training. The associated department manager/administrators are responsible for setting up any additional special or outside training.

10.0 AUDITING

Internal and external periodic audits must be performed where appropriate to ensure adequacy of controls and compliance with such controls. The associated department manager/administrator will be notified in writing of audit results.

11.0 BREACH OF SECURITY

Suspected breach of security, based on the level of severity, should be reported to the appropriate resource owner and/or the MCG Chief Information Officer who are responsible to determine the best course of action to correct the situation and protect against future occurrences. Certain extreme cases may involve additional levels of review and could call for disciplinary action, up to and including dismissal, or civil or criminal penalties.

12.0 COMPLIANCE

MCG maintains the authority to impose sanctions and punishment on anyone who violates this policy. Any violation of federal or state law may be reported to the proper authority.

Date: 25 February 1987 | Rev. No: 99-1 | Rev. Date: 1 October 1999 |
No. 2.4.06

[Administrative Policies & Procedures](#)

[Medical College of Georgia](#)

Please email comments, suggestions or questions to
Jackie Stephens, jstephen@mcg.edu

April 26, 2004



Student Services

Other Student Services

[Counseling](#)

[Facilities Management](#)

[Health Insurance](#)

[Mail Services](#)

[Office of Student Diversity](#)

[Placement](#)

[Recreation](#)

[Student Services Committee](#)

[Student's Role in Institutional Decision-Making](#)

[Bookstore](#)

Career Services

The Career Services Office, located in the Student Center, helps students identify career opportunities following graduation. (706) 721-3356.

[Child Care Center](#)

[Computer Sales](#)

[Computer Use](#)

[Debit Card System](#)

[Environmental Health and Safety Division](#)

[Financial Aid](#)

Food Services

[Vending machines](#)

MCG Student Center

To reserve Student Center meeting room dining space, call the Student Affairs Office, (706) 721-3356.

[MCGHI Terrace Dining Room](#)

The Terrace seats 270, with two private dining rooms, the Dogwood Room and the Magnolia Room, available by reservation. Each room seats approximately 32 persons and can be combined to accommodate 60-65. These rooms can be reserved by calling the Food and Nutrition Services Office, (706) 721-2586. The Terrace is located on the second floor of the hospital's Talmadge Wing and is open from 7:00 a.m. to 3:00 p.m. Monday through Friday.

McDonald's operates a full-service restaurant in the Children's Medical Center and is open daily from 6:30 a.m. to 11:00 p.m. In addition to the traditional McDonald's menu, the restaurant offers several popular items including soups, salads, baked potatoes, cold sandwiches and popcorn.

The Hospital Department of Food and Nutrition Services caters seated meals and coffee breaks. For more information, call (706) 721-2586.

[Health Center Credit Union](#)

[Housing](#)

[Human Resources](#)

[Office of Special Academic Programs](#)

[Public Safety](#)

[Robert B. Greenblatt, M.D. Library](#)

[Student Health Service](#)

Other student health services:

Counseling

Academic - Students seeking academic counseling should contact:

- *Allied Health*: The department chairman in the program in which they are enrolled, or their assigned faculty advisor.
- *Dentistry*: The faculty adviser assigned during the freshman year or the associate dean for academic affairs and advanced education or the associate dean for student admissions and alumni.
- *Graduate Studies*: Department graduate program director, faculty adviser or associate dean.
- *Medicine*: Faculty adviser, associate dean for curriculum, associate dean for student affairs or tutorial coordinator.
- *Nursing*: The appropriate faculty member, department chairman, associate dean, as needed, in that order.

Personal

Students seeking personal counseling may contact:

[Student Health Service](#)

Associate Dean for Student Affairs in the School of Medicine,
Kelly Administration Building, room 2040, (706) 721-3817.

Associate Dean for Student Admissions and Alumni in the School
of Dentistry, room 1106, (706) 721-2813.

Director of Housing, Student Center, room 204, (706) 721-3471.

Director of Student Affairs, Student Center, room 211, (706) 721-
3356.

Facilities Management

The Facilities Management Division creates and maintains an environment conducive to patient care, student life, teaching and research at the Medical College of Georgia.

Quality landscape, environmental, maintenance and utility services assure a favorable environment for teaching, research and patient care.

Health Insurance

MCG believes all students should have adequate health care. **Therefore, all students enrolled in full-time degree or certificate programs must carry comprehensive health protection meeting the specific minimum benefit standards recommended by the [Student Services Committee](#).** To satisfy this requirement, students may obtain coverage through the MCG recommended student group plan **or** maintain equivalent health care insurance through an alternative plan. Annual certification of health insurance coverage is required.

The student health insurance minimum benefit standards for 2003-2004 are:

- major medical coverage of at least \$1,000,000
- hospitalization and surgery benefits
- outpatient ambulatory benefits
- mental health benefits (minimum of 50 percent reimbursement)
- substance abuse coverage
- out-of-pocket loss maximum of \$2,000 per year plus deductible.

All MCG students who are enrolled in full time degree or certificate programs are required to certify their health insurance coverage with the university on an annual basis. Effective Fall Semester 2002, students who do not provide certification of health insurance prior to the deadline will be enrolled in the MCG negotiated student health insurance plan and will be billed for the insurance premium concurrently with their regular tuition and fees.

The link to the on-line 2003-2004 student health insurance certification form appears below. If your certification form is not received by the announced deadline, you will be enrolled in the MCG negotiated group health insurance plan, and the semi-annual premium will be automatically added to your fall and spring semester bills. Any financial aid you receive will be applied to the payment of your entire bill, including the insurance premium. You must pay any difference at registration.

Please contact Student Affairs at 706-721-3356 if you have any questions regarding the certification requirement or process

Certification Form:

<http://www.mcg.edu/students/affairs/certification.htm>

For additional information about the MCG negotiated group health insurance plan or to find out about extending coverage to your spouse and/or dependents, please refer to the health insurance plan brochure at:

http://www.student-resources.net/plans/med_coll_of_ga/medcoga_index.htm

Mail Services

Mail Services offices are in room 1003 of the [Central Distribution Building \(BL\)](#). Mail Services coordinates all incoming, intracampus and outgoing mail for MCG. Mailboxes for medical, graduate, nursing, medical illustration and allied health sciences students are in the [Auditoria Center](#), room 135. Mailboxes are provided at no expense to students and are assigned at the beginning of fall semester. Commercial use of student mailboxes is prohibited.

Official institutional information will be distributed to students via the GroupWise email system, announcements on the MCG home page and (infrequently) via hardcopy mailing to a physical mailbox. Any mail in the physical mailbox that remains unclaimed for 30 days will be returned to the sender unless special arrangements are made with Mail Services. Students are encouraged to check their GroupWise email daily for important announcements and other pertinent information.

Additionally, official information (e.g., [MCG Catalog](#), [MCG Student Handbook](#)) is posted on the MCG Internet web site.

No post office exists on campus; however, mail and other parcels may be weighed in Mail Services to ascertain the correct postage. Mail receptacles for stamped and intracampus mail are in the Auditoria Center. Stamps are sold in the Little Store of MCG Hospital and in the postage vending machines located in the Auditoria Center, room 135.

Addresses on all incoming mail and return addresses on outgoing mail must bear your MCG box number, one of the street addresses for the college and the unique MCG zip code, 30912.

Examples:

John Doe
MCG Box 401
1120 15th St.
Augusta, Georgia 30912

John Doe
MCG Box 401

1459 Laney Walker Blvd.
Augusta, Georgia 30912

For convenience, several U.S. mail receptacles for outgoing mail are strategically placed throughout the campus. Locations are: the [Sydenstricker Wing](#) of the MCG Hospital; Warren Hites Drive across from the [Public Safety Substation](#); front of Augusta Medical Park, across from MCG Hospital; and the Faculty Clinic Building on Harper Street.

Student mail service hours in the Central Distribution Building, room 1003, are 9 a.m. to 5 p.m., Monday through Friday. Mail in by 10 a.m. leaves by noon and mail in by 2 p.m. leaves by 4 p.m. Monday through Friday.

[Office of Student Diversity](#)

The Office of Student Diversity coordinates MCG's campus wide Minority Academic Advisement Program (MAAP), and diversity education and awareness programming. It is the primary office responsible for advisement of international students and scholars, as well as the base for the Mandala Ambassadors for Change. The Office of Student Diversity is located in the MCG Student Center on the second floor, Room 237 and the phone number is (706) 721-2821.

Recreation

The Student Government Association, with administrative support from the Division of Student Affairs, sponsors various recreational programs for MCG students and faculty. For information regarding recreational activities, contact the Student Government Association, Student Center, room 218, (706) 721-3357.

Recreational facilities available for student use include:

[Wellness Center](#)

Off-Campus - [Augusta-area recreational and cultural offerings](#) include

Thurmond Lake, the Augusta Symphony, ballet and opera companies and drama groups. Many cultural activities presented at Augusta College and Paine College are open to MCG students.

Sports - Student Government Association intramural competition sports are available to interested MCG students in softball, basketball, football and volleyball.

Student Services Committee

The president of MCG appoints a Student Services Committee each year consisting of faculty, staff and students. The committee advises various student services on campus. These include student financial aid, student health, graduation and student diversity. The director of student affairs serves as chairman.

Students' Role in Institutional Decision-Making

The university provides student input into the institution decision making process through the Faculty Organization Student Affairs Committee, one of the organization's four standing committees. This committee recommends policy to the

president regarding student life. It contains student representation.

The various schools provide for student input into policy formation through student membership on selected committees.

[Information For Current Students](#) | [Medical College of Georgia](#)

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Please email comments, suggestions or questions to:
David Wardlaw, dwardlaw@mail.mcg.edu

March 25, 2004

MCG ExpressCard



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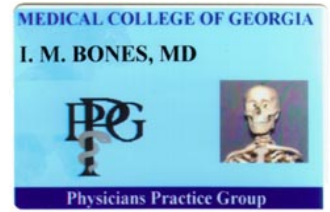
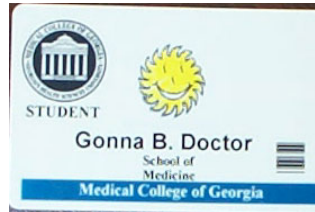
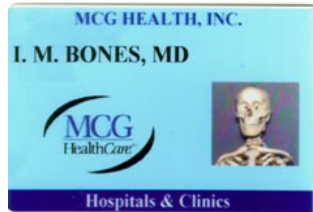
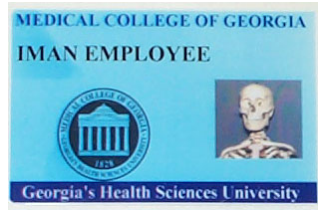
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	<u>Make a Deposit</u>
	<u>Deactivate Lost/Stolen ID Card</u>

- [Student Center Bookstore](#)
- [Child Care Center](#)
- [Copying Services](#)
- [Vending](#)
- [Express Card](#)
- [Printing Services](#)
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MCG ExpressCard
 Student Center DA-1020
 Augusta, GA 30912-9001
 (706) 721-9939

There's a card at the Medical College of Georgia that can make your life easier. Best of all, you already have it.



Anyone with a valid MCG or MCG –HI photo ID may open an ExpressCard account!

- [Manage Your Account Online](#)
- [How Do I Activate My Account?](#)
- [Overview](#)
- [How do I find my account or T/A number?](#)
- [General Information](#)
- [New Account "Welcome"](#)
- [Location List](#)
- [Current Discounts Available](#)
- [Housestaff Dining Highlights](#)
- [Departmental Copy Privilege](#)
- [Housestaff Dining Detail](#)
- [Terms and Conditions](#)

- **Activate New Account (1 page PDF form)**
- **[Departmental Copy Application](#) (1 page PDF form)**
- **["Close Account" Request](#) (1 page PDF form)**

[Management Services](#) | [Medical College of Georgia](#)

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Please email comments, suggestions or questions to:
expresscard@mcg.edu

September 17, 2003

Medical College of Georgia 2003-2004 Catalog

[MCG Home](#) > [2003-2004 Catalog](#) > [Food Services](#)

Food Services

[Vending machines](#)

MCG Student Center

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The Hospital Department of Food and Nutrition Services caters seated meals and coffee breaks. For more information, call (706) 721-2586

Medical College of Georgia Student Housing

[A-Z Index](#) | [MCG Home](#)

Admissions	Financial Aid	Registrar	Tuition/Fees	Student Affairs	Student Health	Housing
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Information for:

[Enrolled Students](#)
[Prospective MCG Students](#)

[Academic Regulations and Calendars](#)

Making lifelong friends... Studying together till the wee hours... hall parties and study breaks—just a few of the ways you will be making memories when you live on campus at the Medical College of Georgia....

Convenience is the reason

Living on campus means a lot when you value convenience. Consider having a five minute walk to class and a three minute walk to the Student Center , with its food court and bookstore - not to mention the social events and activities sponsored by the Student Government Association. Attached to the Student Center is the new 40,000 square foot Wellness Center with over 100 pieces of cardiovascular exercise equipment, free weight systems and selectorized strength machines, two basketball courts, aerobic exercise and game rooms and a 1/11th mile running track. Augusta's major shopping districts, including Augusta Mall, are within a 15 minute drive of campus. Students are welcome to bring a car to campus; MCG's parking decks offer adequate parking near the residence halls.

In addition to convenience, MCG residence halls offer a quiet place to relax and study. Higher education research has shown that resident students are more easily integrated into campus life, have better grades and find more enjoyment in their college experiences than other students.

Cost is an advantage

Living in residence halls is a good way to lower the cost of higher education. For instance, in Residence IV and the Alumni Center, your rental payment covers local telephone line charges, cable television, electricity, air-conditioning, heating, water, sewerage and pest control. Rental rates are listed in your housing application.

Opportunities for leadership

In residence halls, students have the opportunity to participate in a

student community and help carry out various activities.

Student involvement and self-governance through the Student Government Association (SGA) is a vital part of the residence hall program. The SGA offers residents the opportunity to assist in determining area improvements and to plan and implement social and educational activities. Resident Assistants (RAs) are students who are chosen for their maturity and academic ability, live in each residence hall to coordinate activities and encourage a feeling of community among resident students. RAs serve as peer advisors to students and refer them to the many resources available in the university and community.

Living arrangements to choose from:

Alumni Center

Students live on the second floor of this modern two-story complex, which consists of 70 rooms for single occupancy. Each room is carpeted, air-conditioned and has a private bath.

Furnishings include a bed, chest, desk, wardrobe and desk chair. The complex has a community laundry and kitchen area. Rent for a room in the Alumni Center is paid on a semester basis. The single occupancy rate for the 2003-04 academic year is \$1,167.00 per semester. Rates are subject to the approval by the Board of Regents and may change.



Residence IV

This modern, three-story building consists of 50 carpeted rooms designed for single and double occupancy.

Furnishings include a bed, chest, desk, wardrobe and desk chair. Each room is carpeted, air-conditioned and has a private bath. The residence hall has a community laundry and kitchen. Rent for a room in Residence IV is paid on a semester basis. The single occupancy rate for the 2003-04 academic year is \$1,167.00 per semester, and the double occupancy rate is \$701.00 per semester. Rates are subject to the approval by the Board of Regents and may change.



Residence V Apartments

This modern apartment complex provides spacious, unfurnished one and two bedroom apartments for married students and their immediate families. The buildings are clustered around large green courtyards with plenty of room for outdoor activities such as cookouts in the barbecue area. Each apartment has a glass door opening onto a patio or porch area with an external storage closet for small items. The kitchen in each apartment has an electric stove and a frost-free refrigerator. Rent for an apartment in Residence V is paid on a semester basis. The rate for a one-bedroom apartment is \$1,756.00 per semester, and the rate for a two-bedroom apartment is \$1,914.00 per semester for the 2003-04 academic year. Rates are subject to the approval by the Board of Regents and may change.



Residence VI Apartments

Located across the street from the dental school are 12 one-bedroom and 24 two-bedroom apartments for singles and/or families. Each apartment is air-conditioned and has a complete kitchen and bath. The complex also has a laundry room area. Rent for an apartment in Residence VI is paid on a semester basis. The rate for a one-bedroom apartment is \$1,333.00 per semester, and the rate for a two-bedroom apartment is \$1,452.00 per semester for the 2003-04 academic year. Rates are subject to the approval by the Board of Regents and may change.



What to Bring

Students provide their own linens, pillows, blankets, shower curtains, wastebaskets, refrigerators, and perhaps cooking and eating utensils.

How to Reserve a Room

You will receive an MCG Housing Application along with your letter of acceptance to MCG. You may apply for campus housing by completing the appropriate application (family housing or single student housing) and returning it to the Office of Student Housing. You will be assigned your first choice if at all possible. If not, you may be offered your second choice, provided space is available.

Housing Agreements

You will be asked to sign a housing agreement covering the academic year which means that you agree to pay rent for fall and spring semesters. If you wish to reside on campus during the summer semester you may also sign a separate agreement.

Off-Campus Housing

As a service to students, the Off-Campus Housing Office provides current listings of the prices, locations and availability of commercial apartment complexes and privately owned apartments in the Augusta area. The Off-Campus Housing Office is located in Room 229 on the second floor of the Student Center.

[Back to top](#)

[Students](#) | [Prospective Students](#) | [Medical College of Georgia](#)

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Ophelia Wright, owright@mcg.edu.

January 10, 2004

Robert B. Greenblatt, MD Library

[Site Map](#) | [A-Z Index](#) | [MCG Home](#)

[About the Library](#)

[Ask a Reference Question](#)

[Electronic Resources](#)

[Make Your Information Mark on the 21st Century](#)

[New Faculty Orientation](#)

[Services and Programs](#)

[Strategic Plan](#)

[Suggestion Box](#)

[User Aids](#)

[175th Anniversary Exhibit](#)

[Position Vacancy](#)

[Head, Education and Information Services](#)

The Library, established in 1834 and named in 1988 after a prominent MCG physician, Robert B. Greenblatt, M.D., provides resources and services for the health information needs of the faculty, staff and students of the Medical College of Georgia and serves as a source of health information for the state of Georgia.



Library faculty are available for consultations and as liaisons to academic units on campus for their clinical, research and teaching needs. They also provide programs and services in collection management, reference, distance education, outreach, information literacy and educational technology, microcomputing and special collections such as history of medicine, consumer health and telemedicine.



Many electronic databases are available to provide access to the Library's collections, collections of the University System of Georgia, MEDLINE and other health related databases, as well as links to full text journal articles. The library has a comprehensive print reference collection, indexes and abstracts, a book collection and

1800 current journal titles.

The Library offers an extensive public computing area with access to electronic and internet resources, and programs for word processing, spreadsheets, graphics and others.

Other services within the Library are interlibrary loan, self-service

photocopy, library assisted photocopy, fax, typing rooms, reserve collections, lockers, individual and group study areas and conference rooms.

A barcode attached to MCG identification gives access to university system library services.

Please email comments, suggestions or questions to: ldenniso@mcg.edu

Medical College of Georgia [Home Page](#); [About MCG](#), [Education](#), [Health Care](#), [Research](#)

Information For: [Students](#), [Prospective Students](#), [Faculty & Staff](#), [Alumni & Visitors](#)

Information About: [Schools & Programs](#), [Departments & Units](#), [Centers & Institutes](#), [Service & Outreach](#), [People & Places](#)

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February 06, 2004

Public Safety Division



[PSD Administration](#)

PSD Bureaus:

- [MCG Police](#)
- [Parking Services](#)
- [Vehicle Services](#)

[MCG Crime Statistical Information](#)

[Public Safety Updates](#)

[PSD Forms](#)

[Feedback](#)

Welcome!

The Public Safety Division would like to extend to you our greetings. We hope the information presented on our Website will be informative and helpful.

Mission

The men and women of the Public Safety Division are dedicated to service excellence through partnerships designed to reduce crime, and create a safe and secure community environment in which the Medical College of Georgia may achieve its mission of education, research, and patient care. The Division is committed to delivering quality services to our community in an effective, responsive and professional manner.

Profile

The Public Safety Division was organized in 1973, to provide professional law enforcement and occupational safety programs for the Institution. Today, the division is a multi-functional organization consisting of an administrative section and three service bureaus that provide **Parking, Police, and Vehicle Services** for the Medical College of Georgia.

The Public Safety Division operates under the auspices of the Vice President of Administration.

Contact Information

If you have any questions or comments about the Public

Safety Division or the services we provide at the Medical College of Georgia please let us know.

Telephone: (706) 721-2914

Fax: (706) 721-1255

Postal Address: Medical College of Georgia
Public Safety Division
Attn: (Name, Title or Section)
HT-2321
524 15th Street
Augusta, Georgia 30912-7500

Business Hours: 8:00 AM - 5:00 PM, Monday - Friday,
except holidays (EST).

Additional contact information may be obtained from our [PSD Staff Directory](#) page.

Thank you for visiting ...

Public Safety's Website!

[Departments and Units](#) | [Medical College of Georgia](#)

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Please email comments, suggestions or questions to:
Ernest Black, eblack@mail.mcg.edu.

September 24, 2003

Office of Student Diversity

[Remembering
Dr. Martin Luther
King, Jr.](#)

Services and Programs

[International Student
and Scholar Advisement](#)

[Minority Academic Advisement
Program \(MAAP\)](#)

[Fort Valley State University -
MCG Pipeline Initiative](#)

[Useful Links](#)



The Office of Student Diversity provides a range of services in support of the university's commitment to:

- Diversity in the faculty, staff, and student body, supported by practices and programs that embody the ideals of an open democratic and global society.
- A teaching/learning environment that leads to a diverse and well prepared student body.
- A shared responsibility for meeting the health care needs of a widely dispersed and highly diverse population.

Director

[Beverly Y.M. Tarver](#)

Contact Us

Office of Student Diversity
Medical College of Georgia
1120 Fifteenth St., DA-237
Augusta, GA 30912-7303
USA

diversity@mcg.edu
706.721.2821, office
706.721.2134, fax



News You Need To Know...

SEVIS Form DS-2019 and Form I-20

Effective August 1, 2003, all J-1, J-2, F-1 and F-2 international visitors must have the new Student Exchange Visitor Information System (SEVIS) form appropriate for their program. Available since February 2003, a bar code and identification number unique to each international visitor distinguish new forms. Dependents now have their own forms with a unique SEVIS identification number.



Each visitor employed by MCG should provide a copy of their new form to MCG Human Resources as soon as possible. Each visitor enrolled at MCG as a student should provide a copy of the new document to the registrar. As of August 1, 2003, non-SEVIS DS-2019, IAP-66, and I-20 are invalid. The visitor should maintain a file for all of the old form(s). Do not discard the old forms.

If you are an employee, student or dependent in status as a J-1 Exchange Visitor, a J-2 dependent, a F-1 student, or an F-2 dependent and do not have the SEVIS form please contact the Office of Student Diversity as soon as possible.

[Student Affairs](#) | [Medical College of Georgia](#)

Please email comments or suggestions to: [Office of Student Diversity](#)

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April 21, 2004

Medical College of Georgia
Office of the **Registrar**

[A-Z Index](#) | [MCG Home](#)

[Admissions](#) | [Financial Aid](#) | [Registrar](#) | [Tuition/Fees](#) | [Student Affairs](#) | [Student Health](#) | [Housing](#)



Information for:

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[Prospective MCG Students](#)

Contact Information:

Office of the Registrar
Medical College of Georgia
1120 15th Street, AA 171
Augusta GA 30912-7315
Office #: (706) 721-2201
Office Fax#: (706) 721-0186
Office Hours 8-5 M-F

Office of the Registrar

Academic regulations and calendars are maintained by the Office of the Registrar at the Medical College of Georgia. The office is located in room 171 in the [Kelly Administration Building](#) on Laney-Walker Boulevard. Office hours are 8:00 a.m. until 5:00 p.m. Monday through Friday. The telephone number (706) 721-2201; the fax number is (706) 721-0186.

Quick Links

- [Academic Calendars](#)
- [Academic Regulations](#)
- [Course Catalog](#)
- [Curriculum Inventory Report Instructions](#)
- [Curriculum Revision Approval Process \(pdf\)](#)
- [Forms](#)
- [Legislative Exams](#)
- [Regents Test](#)
- [Request a Transcript](#)
- [Request Enrollment Certification](#)
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- [Withdrawal from the University \(pdf\)](#)

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Please email comments, suggestions or questions to:
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March 01, 2004

Medical College of Georgia

[Office of the Registrar](#)[A-Z Index](#) | [MCG Home](#) | [Site Search](#)[back to: Office of the Registrar](#) > [Academic Calendars](#)**Quick Links**

[Academic Calendars](#)
[Academic Regulations](#)
[Course Catalog](#)
[Curriculum Inventory](#)
[Instructions](#)
[Forms](#)
[Legislative Exams](#)
[Regents Test](#)
[Request a Transcript](#)
[Request Enrollment Certification](#)
[Tuition and Fees](#)
[Withdrawal](#) (pdf)

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 1120 15th Street, AA
 171
 Augusta GA 30912-7315
 Office #: (706) 721-2201
 Office Fax#: (706) 721-0186
 Office Hours 8-5 M-F



School of Allied Health Sciences

Academic Calendar

Fall Semester 2003

Orientation for new students is online at

<http://www.oacs.mcg.edu/Students/>

August 20 and 22	Registration for returning students
August 21	Registration for New Students <ul style="list-style-type: none"> • Dental Hygiene • Radiologic Sciences • Respiratory Therapy • Health Information Management • Occupational Therapy • Medical Technology • Physical Therapy
August 25	Classes begin
August 25 – 28	Drop/Add
September 1	Labor Day holiday
October 15	Midterm: last day to withdraw from a course without a penalty
November 3	Regents' Exam
November 26 – 28	Thanksgiving recess
December 11	Last day of classes
December 12, 15 – 18	Examinations

Spring Semester 2004

January 2 & 5	Registration
---------------	--------------

January 5	Classes begin
January 5 – 8	Drop/Add
January 19	Martin Luther King, Jr. Holiday
February 25	Midterm: last day to withdraw from a course without a penalty
March 22	Regents' Exam
April 5 – 9	Spring Break
April 26	Last day of classes
April 27 - 30 May 3	Examinations
May 7	Graduation

Summer Semester 2004

May 17	Registration for all students
May 18	Classes begin for all students
May 18 – 21	Drop/Add
May 31	Memorial Day Holiday
June 25	Midterm: last day to withdraw from a course without a penalty
July 5	Independence Day holiday
July 12	Regents' Exam
August 4	Last day of classes
August 5, 6 & 9 – 11	Examinations

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August 05, 2003

Medical College of Georgia

[Office of the Registrar](#)[A-Z Index](#) | [MCG Home](#) | [Site Search](#)[back to: Office of the Registrar](#) > [Academic Calendars](#)**Quick Links**

[Academic Calendars](#)
[Academic Regulations](#)
[Course Catalog](#)
[Curriculum Inventory](#)
[Instructions](#)
[Forms](#)
[Legislative Exams](#)
[Regents Test](#)
[Request a Transcript](#)
[Request Enrollment Certification](#)
[Tuition and Fees](#)
[Withdrawal](#) (pdf)

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 171
 Augusta GA 30912-7315
 Office #: (706) 721-2201
 Office Fax#: (706) 721-0186
 Office Hours 8-5 M-F



School of Allied Health Sciences Academic Calendar

Fall Semester 2004**Orientation for new students is online at (TBA)**

August 16 - 20	Registration for returning students
August 19	Registration for New Students <ul style="list-style-type: none"> • Dental Hygiene • Radiologic Sciences • Respiratory Therapy • Health Information Management • Occupational Therapy • Medical Technology • Physical Therapy
August 23	Classes begin
August 23 – 26	Drop/Add
September 6	Labor Day holiday
October 13	Midterm: last day to withdraw from a course without a penalty
November 1	Regents' Exam
November 24 – 26	Thanksgiving recess
December 09	Last day of classes
December 10, 13 – 16	Examinations

Spring Semester 2005

January 6 & 7	Registration
January 10	Classes begin
January 10 – 13	Drop/Add

January 17	Martin Luther King, Jr. Holiday
March 2	Midterm: last day to withdraw from a course without a penalty
March 21	Regents' Exam
April 4 – 8	Spring Break
May 2	Last day of classes
May 3 – 6, 9	Examinations
May 13	Graduation

Summer Semester 2005

May 16	Registration for all students
May 17	Classes begin for all students
May 17 – 20	Drop/Add
May 30	Memorial Day Holiday
June 24	Midterm: last day to withdraw from a course without a penalty
July 4	Independence Day holiday
July 11	Regents' Exam
August 3	Last day of classes
August 4 – 5, 8 - 10	Examinations

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January 27, 2004

Medical College of Georgia

[Office of the Registrar](#)[A-Z Index](#) | [MCG Home](#) | [Site Search](#)[back to: Office of the Registrar](#) > [Academic Calendars](#)**Quick Links**

[Academic Calendars](#)
[Academic Regulations](#)
[Course Catalog](#)
[Curriculum Inventory](#)
[Instructions](#)
[Forms](#)
[Legislative Exams](#)
[Regents Test](#)
[Request a Transcript](#)
[Request Enrollment Certification](#)
[Tuition and Fees](#)
[Withdrawal](#) (pdf)

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School of Allied Health Sciences

Academic Calendar

Fall Semester 2005**Orientation for new students is online at (TBA)**

August 17 and 19	Registration for returning students
August 18	Registration for New Students <ul style="list-style-type: none"> • Dental Hygiene • Radiologic Sciences • Respiratory Therapy • Health Information Management • Occupational Therapy • Medical Technology • Physical Therapy
August 22	Classes begin
August 22 – 25	Drop/Add
September 5	Labor Day holiday
October 12	Midterm: last day to withdraw from a course without a penalty
November 7 (tentative)	Regents' Exam
November 23 – 25	Thanksgiving recess
December 8	Last day of classes
December 9, 12 – 15	Examinations

Spring Semester 2006

January 5 & 6	Registration
January 9	Classes begin

January 9 – 12	Drop/Add
January 16	Martin Luther King, Jr. Holiday
March 1	Midterm: last day to withdraw from a course without a penalty
March 20 (tentative)	Regents' Exam
April 3 – 7	Spring Break
May 1	Last day of classes
May 2 – 5, 8	Examinations
May 12	Graduation

Summer Semester 2006

May 15	Registration for all students
May 16	Classes begin for all students
May 16 – 19	Drop/Add
May 29	Memorial Day holiday
June 23	Midterm: last day to withdraw from a course without a penalty
July 4	Independence Day Holiday
July 10 (tentative)	Regents' Exam
August 2	Last day of classes
August 3, 4, 7 - 9	Examinations

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June 03, 2003

Medical College of Georgia

[Office of the Registrar](#)[A-Z Index](#) | [MCG Home](#) | [Site Search](#)[back to: Office of the Registrar](#) > [Academic Calendars](#)**Quick Links**

[Academic Calendars](#)
[Academic Regulations](#)
[Course Catalog](#)
[Curriculum Inventory](#)
[Instructions](#)
[Forms](#)
[Legislative Exams](#)
[Regents Test](#)
[Request a Transcript](#)
[Request Enrollment Certification](#)
[Tuition and Fees](#)
[Withdrawal](#) (pdf)

Information for:

[Current Students](#)
[Prospective Students](#)

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School of Dentistry Academic Calendar

Fall Semester 2003

August 20 & 22	Orientation for new students
August 21	Registration for new students
August 20 & 22	Registration for returning students
August 25	Classes begin
August 25 – 28	Drop/Add
September 1	Labor Day holiday
October 15	Midterm: last day to withdraw from a course without a penalty
November 26 – 28	Thanksgiving recess
December 11	Last day of classes
December 12, 15 – 18	Examinations

Spring Semester 2004

January 2 & 5	Registration
January 5	Classes begin
January 5 – 8	Drop/Add

January 19	Martin Luther King, Jr. Holiday
February 25	Midterm: last day to withdraw from a course without a penalty
April 5 – 9	Spring Break
April 26	Last day of classes
April 27- 30 May 3	Examinations
May 7	Graduation

Summer Semester 2004

May 17	Registration
May 18	Classes begin
May 18 – 21	Drop/Add
May 31	Memorial Day Holiday
June 25	Midterm: last day to withdraw from a course without a penalty
July 4	Independence Day holiday
August 3	Last day of classes
August 5,6, 9 -10	Examinations

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June 03, 2003

Medical College of Georgia

[Office of the Registrar](#)[A-Z Index](#) | [MCG Home](#) | [Site Search](#)[back to: Office of the Registrar](#) > [Academic Calendars](#)**Quick Links**

[Academic Calendars](#)
[Academic Regulations](#)
[Course Catalog](#)
[Curriculum Inventory](#)
[Instructions](#)
[Forms](#)
[Legislative Exams](#)
[Regents Test](#)
[Request a Transcript](#)
[Request Enrollment Certification](#)
[Tuition and Fees](#)
[Withdrawal](#) (pdf)

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 Office Fax#: (706) 721-0186
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School of Dentistry Academic Calendar

Fall Semester 2004

August 19	Orientation for new students
August 19	Registration for new students
August 18 & 20	Registration for returning students
August 23	Classes begin
August 23 – 26	Drop/Add
September 6	Labor Day holiday
October 13	Midterm: last day to withdraw from a course without a penalty
November 24 – 26	Thanksgiving recess
December 9	Last day of classes
December 10, 13 – 16	Examinations

Spring Semester 2005

January 6 & 7	Registration
January 10	Classes begin
January 10 – 13	Drop/Add

January 17	Martin Luther King, Jr. Holiday
March 2	Midterm: last day to withdraw from a course without a penalty
April 4 – 8	Spring Break
May 2	Last day of classes
May 3 – 6, 9	Examinations
May 13	Graduation

Summer Semester 2005

May 16	Registration
May 17	Classes begin
May 17 – 20	Drop/Add
May 30	Memorial Day Holiday
June 24	Midterm: last day to withdraw from a course without a penalty
July 4	Independence Day holiday
August 3	Last day of classes
August 4,5, 8 - 10	Examinations

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June 03, 2003

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[Office of the Registrar](#)[A-Z Index](#) | [MCG Home](#) | [Site Search](#)[back to: Office of the Registrar](#) > [Academic Calendars](#)**Quick Links**

[Academic Calendars](#)
[Academic Regulations](#)
[Course Catalog](#)
[Curriculum Inventory](#)
[Instructions](#)
[Forms](#)
[Legislative Exams](#)
[Regents Test](#)
[Request a Transcript](#)
[Request Enrollment Certification](#)
[Tuition and Fees](#)
[Withdrawal](#) (pdf)

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1120 15th Street, AA
171

Augusta GA 30912-
7315

Office #: (706) 721-2201

Office Fax#: (706) 721-
0186

Office Hours 8-5 M-F



School of Graduate Studies

Academic Calendar

Fall Semester 2003

Orientation for new students is online at

<http://www.oacs.mcg.edu/Students/>

August 20 - 22	Registration for returning students
August 20	Registration for new students
August 25	Classes begin
August 25 – 28	Drop/Add
September 1	Labor Day holiday
October 15	Midterm: last day to withdraw from a course without a penalty
November 26 – 28	Thanksgiving recess
December 11	Last day of classes
December 12, 15 – 18	Examinations

Spring Semester 2004

January 2 & 5	Registration
January 5	Classes begin
January 5 – 8	Drop/Add
January 19	Martin Luther King, Jr. Holiday
February 25	Midterm: last day to withdraw from a course without a penalty
April 5 – 9	Spring Break
April 26	Last day of classes
April 27 - 30 May 3	Examinations
May 7	Graduation

Summer Semester 2004

May 17	Registration for returning students
May 18	Classes begin for returning students
May 18 – 21	Drop/Add
June 25	Midterm: last day to withdraw from a course without a penalty
July 5	Independence Day holiday
August 4	Last day of classes
August 5, 6, 9-11	Examinations

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August 05, 2003

Medical College of Georgia

[Office of the Registrar](#)[A-Z Index](#) | [MCG Home](#) | [Site Search](#)[back to: Office of the Registrar](#) > [Academic Calendars](#)**Quick Links**

[Academic Calendars](#)
[Academic Regulations](#)
[Course Catalog](#)
[Curriculum Inventory](#)
[Instructions](#)
[Forms](#)
[Legislative Exams](#)
[Regents Test](#)
[Request a Transcript](#)
[Request Enrollment Certification](#)
[Tuition and Fees](#)
[Withdrawal](#) (pdf)

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[Prospective Students](#)

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 1120 15th Street, AA
 171
 Augusta GA 30912-7315
 Office #: (706) 721-2201
 Office Fax#: (706) 721-0186
 Office Hours 8-5 M-F



School of Graduate Studies

Academic Calendar

Fall Semester 2004

Orientation for new students is online at www.oacs.mcg.edu/students/

August 18 & 20	Registration for returning students
August 18	Registration for new students
August 23	Classes begin
August 23 – 26	Drop/Add
September 6	Labor Day holiday
October 13	Midterm: last day to withdraw from a course without a penalty
November 24 – 26	Thanksgiving recess
December 9	Last day of classes
December 10, 13 – 16	Examinations

Spring Semester 2005

January 6 & 7	Registration
January 10	Classes begin
January 10 – 13	Drop/Add
January 17	Martin Luther King, Jr. Holiday
March 2	Midterm: last day to withdraw from a course without a penalty
April 4 – 8	Spring Break
May 2	Last day of classes
May 3 – 6, 9	Examinations
May 13	Graduation

Summer Semester 2005

May 16	Registration for returning students
--------	-------------------------------------

May 17	Classes begin for returning students
May 17 – 20	Drop/Add
June 23	Midterm: last day to withdraw from a course without a penalty
July 4	Independence Day holiday
August 2	Last day of classes
August 3 – 5, 8, 9	Examinations

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June 03, 2003

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[Office of the Registrar](#)[A-Z Index](#) | [MCG Home](#) | [Site Search](#)[back to: Office of the Registrar](#) > [Academic Calendars](#)**Quick Links**

[Academic Calendars](#)
[Academic Regulations](#)
[Course Catalog](#)
[Curriculum Inventory](#)
[Instructions](#)
[Forms](#)
[Legislative Exams](#)
[Regents Test](#)
[Request a Transcript](#)
[Request Enrollment](#)
[Certification](#)
[Tuition and Fees](#)
[Withdrawal](#) (pdf)

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 171
 Augusta GA 30912-
 7315
 Office #: (706) 721-2201
 Office Fax#: (706) 721-
 0186
 Office Hours 8-5 M-F



School of Nursing Academic Calendar

Fall Semester 2003

Orientation for new students is online at

<http://www.oacs.mcg.edu/Students/>

August 20 & 22	Registration for returning students
August 19	New student registration
August 25	Classes begin
August 25 – 28	Drop/Add
September 1	Labor Day holiday
October 15	Midterm: last day to withdraw from a course without a penalty
November 3	Regents' exam
November 26 – 28	Thanksgiving recess
December 11	Last day of classes
December 12, 15 – 18	Examinations

Spring Semester 2004

January 2 & 5	Registration
---------------	--------------

January 5	Classes begin
January 5 – 8	Drop/Add
January 19	Martin Luther King, Jr. Holiday
February 25	Midterm: last day to withdraw from a course without a penalty
March 22	Regents' Exam
April 5 – 9	Spring break
April 26	Last day of classes
April 27 - 30 May 3	Examinations
May 7	Graduation

Summer Semester 2004

June 23	Registration for new students
June 24	Classes begin for new students
May 17	Registration for returning students
May 18	Classes begin for returning students
May 18 – 21	Drop/Add
May 31	
June 25	Midterm: last day to withdraw from a course without a penalty
July 16 (new students)	

July 5	Independence Day holiday
July 12	Regents' exam
August 4	Last day of classes
August 5,6, 9 - 10	Examinations

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August 05, 2003

Medical College of Georgia

[Office of the Registrar](#)[A-Z Index](#) | [MCG Home](#) | [Site Search](#)[back to: Office of the Registrar](#) > [Academic Calendars](#)**Quick Links**

[Academic Calendars](#)
[Academic Regulations](#)
[Course Catalog](#)
[Curriculum Inventory](#)
[Instructions](#)
[Forms](#)
[Legislative Exams](#)
[Regents Test](#)
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[Tuition and Fees](#)
[Withdrawal](#) (pdf)

Information for:

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Contact Information:

Office of the Registrar
 Medical College of Georgia
 1120 15th Street, AA
 171
 Augusta GA 30912-7315
 Office #: (706) 721-2201
 Office Fax#: (706) 721-0186
 Office Hours 8-5 M-F



School of Nursing Academic Calendar

Fall Semester 2004

Orientation for new students is online at (TBA)

August 18 and 20	Registration for returning students
August 17	New student registration
August 23	Classes begin
August 23 – 26	Drop/Add
September 6	Labor Day holiday
October 13	Midterm: last day to withdraw from a course without a penalty
November 1	Regents' exam
November 24 – 26	Thanksgiving recess
December 9	Last day of classes
December 10, 13 – 16	Examinations

Spring Semester 2005

January 6 & 7	Registration
---------------	--------------

January 10	Classes begin
January 10 – 13	Drop/Add
January 17	Martin Luther King, Jr. Holiday
March 2	Midterm: last day to withdraw from a course without a penalty
March 21	Regents' Exam
April 4 – 8	Spring break
May 2	Last day of classes
May 3 – 6, 9	Examinations
May 13	Graduation

Summer Semester 2005

June 22	Registration for new students
June 23	Classes begin for new students
May 16	Registration for returning students
May 17	Classes begin for returning students
May 17 – 20	Drop/Add
May 30	Memorial Day Holiday
June 24	Midterm: last day to withdraw from a course without a penalty
July 15 (new students)	

July 4	Independence Day holiday
July 11	Regents' exam
August 3	Last day of classes
August 4,5 8-10	Examinations

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January 27, 2004

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[Academic Calendars](#)
[Academic Regulations](#)
[Course Catalog](#)
[Curriculum Inventory](#)
[Instructions](#)
[Forms](#)
[Legislative Exams](#)
[Regents Test](#)
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 171

Augusta GA 30912-
 7315

Office #: (706) 721-2201

Office Fax#: (706) 721-0186

Office Hours 8-5 M-F



School of Medicine

Academic Calendar 2003-2004

Phase I— Fall Semester 2003

August 7-8, 2003	Registration
August 11, 2003	First Day of Classes
September 1, 2003	Labor Day
November 26–30, 2003	Thanksgiving Vacation
December 11, 2003	Last Day of Classes
December 12–19, 2003	Test Days

Phase I—Spring Semester 2004

January 2 & 5	Registration
January 2, 2004	First Day of Classes
January 19, 2004	MLK Holiday
April 5–11, 2004	Spring Break
May 7, 2004	Last Day of Classes
May 10–14, 2004	Test Days

Phase II—Fall Semester 2003

August 8, 2003	Registration Deadline
August 11, 2003	First Day of Classes
September 2, 2003	Labor Day
November 26–30, 2003	Thanksgiving Vacation
December 19, 2003	Last Day of Classes

Phase II—Spring Semester 2004

January 2 & 5	Registration
January 2, 2004	First Day of Classes
January 19, 2004	MLK Holiday
April 5–11, 2004	Spring Break
May 4, 2004	Last Day of Classes
May 5–7, 2004	Test Days

[Phase III Rotation Schedule 2003 - 2004](#)

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December 01, 2003

Medical College of Georgia

[Office of the Registrar](#)[A-Z Index](#) | [MCG Home](#) | [Site Search](#)[back to: Office of the Registrar](#) > [Academic Calendars](#)*Quick Links*

[Academic Calendars](#)
[Academic Regulations](#)
[Course Catalog](#)
[Curriculum Inventory](#)
[Instructions](#)
[Forms](#)
[Legislative Exams](#)
[Regents Test](#)
[Request a Transcript](#)
[Request Enrollment Certification](#)
[Tuition and Fees](#)
[Withdrawal](#) (pdf)

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171

Augusta GA 30912-
7315

Office #: (706) 721-2201

Office Fax#: (706) 721-
0186

Office Hours 8-5 M-F



School of Medicine

Academic Calendar 2004-2005

Phase I— Fall Semester 2004

August 5 & 6, 2004	Registration
August 9, 2004	First Day of Classes
September 6, 2002	Labor Day
November 24–28, 2004	Thanksgiving Vacation
December 9, 2004	Last Day of Classes
December 10–17, 2004	Test Days

Phase I—Spring Semester 2005

January 4, 2005	First Day of Classes
January 17, 2005	MLK Holiday
April 4–10, 2005	Spring Break (Masters)
May 13, 2005	Last Day of Classes
May 16–20, 2005	Test Days

Phase II—Fall Semester 2004

August 6, 2004	Registration Deadline
August 9, 2004	First Day of Classes
September 6, 2004	Labor Day
November 24–28, 2004	Thanksgiving Vacation
December 17, 2004	Last Day of Classes

Phase II—Spring Semester 2005

January 4, 2005	First Day of Classes
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January 17, 2005	MLK Holiday
April 4–10, 2005	Spring Break (Masters)
May 10, 2005	Last Day of Classes
May 11–13, 2005	Test Days

[Phase III Rotation Schedule 2004 - 2005](#)

These calendars are subject to change.

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September 30, 2003

Quick Links

- [Academic Calendars](#)
- [Academic Regulations](#)
- [Course Catalog](#)
- [Curriculum Inventory](#)
- [Instructions](#)
- [Forms](#)
- [Legislative Exams](#)
- [Regents Test](#)
- [Request a Transcript](#)
- [Request Enrollment](#)
- [Certification](#)
- [Tuition and Fees](#)
- [Withdrawal](#) (pdf)

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 0186
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Legislative Exams

Examinations on the History and Constitutions of the United States and Georgia. Examinations on these subjects are required of all baccalaureate degree students unless exempted by presentation of course credit dealing with these constitutions and histories. The examination will be given by the Registrar's office. Students are advised to meet this requirement early in their academic career.

The Bookstore has study guides for these exams. To schedule exams please call (706) 721-2201.

Author	Title	Cost
Digby	Government Of Georgia	\$12.00
Cullop	Constitution of US	\$5.99
Coleman	Georgia History in Outline	\$15.50
Nevins	Pocket History of US	\$7.99



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May 30, 2003

Medical College of Georgia Tuition and Fees

[A-Z Index](#) | [MCG Home](#)

[Admissions](#)

[Financial Aid](#)

[Registrar](#)

[Tuition/Fees](#)

[Student
Affairs](#)

[Student Health](#)

[Housing](#)

[Fee Payment and Refund Policy](#)

Tuition and Fees for:

School of Allied Health Sciences

- [Health Information Management](#)
- [Medical Technology](#)
- [Occupational Therapy \(Augusta\)](#)
- [Physician Assistant](#)
- [Radiologic Sciences](#)
- [Respiratory Therapy](#)
- [Occupational Therapy \(Columbus\)](#)
- [Dental Hygiene](#)

[School of Dentistry](#)

School of Graduate Studies

- [All programs in Augusta](#)
- [Master of Physical Therapy Program in Albany](#)
- [Master of Nursing Program in Columbus](#)
- [Master of Nursing Program in Athens \(SONAT\)](#)

[School of Medicine](#)

School of Nursing

- [BSN and RN-to-BSN Programs in Augusta](#)
- [BSN and RN-to-BSN Programs in Athens \(SONAT\)](#)
- [RN-to-BSN Programs in Barnesville \(Gordon College\)](#)
- [RN-to-BSN Programs in Columbus](#)



Tuition and Fees

Students | Prospective Students | Medical College of Georgia

Please email comments, suggestions or questions to:

Lori DeWulf, ldewulf@mcg.edu

April 12, 2004

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[Tuition and Fees Index](#)[School of Allied Health Sciences](#)[School of Dentistry](#)[School of Graduate Studies](#)[School of Medicine](#)[School of Nursing](#)**School of Allied Health Sciences****Augusta**

Dental Hygiene, Health Information Management, Medical Technology, Occupational Therapy, Physician Assistant, Radiologic Sciences, and Respiratory Therapy

Fall Semester 2003 Spring Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,604.00	\$ 6,416.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Activity Fee	38.00	38.00
Wellness Center Fee	50.00	50.00
Health Fee (Students w/ 6 or more hours per semester).	130.00	130.00
TOTAL per semester	\$ 1,897.00	\$ 6,709.00

Georgia residents taking fewer than 12 semester hours will pay \$ 134.00 per credit hour in tuition; non-residents will pay \$ 535.00 per credit hour in tuition.

School of Allied Health Sciences**Augusta**

Dental Hygiene, Health Information Management, Medical Technology, Occupational Therapy, Physician Assistant, Radiologic Sciences, and Respiratory Therapy

Summer Semester 2004	Georgia Residents	Non-Residents

All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,604.00	\$ 6,416.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Activity Fee	38.00	38.00
Wellness Center Fee	50.00	50.00
Health Fee (Students w/ 6 or more hours per semester).	90.00	90.00
TOTAL per semester	\$ 1,857.00	\$ 6,669.00
Georgia residents taking fewer than 12 semester hours will pay \$ 134.00 per credit hour in tuition; non-residents will pay \$ 535.00 per credit hour in tuition.		

Columbus Occupational Therapy		
Fall Semester 2003 Spring Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,604.00	\$ 6,416.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	*Other Campus 194.00	*Other Campus 194.00
TOTAL per semester	\$ 1,873.00	\$ 6,685.00
Georgia residents taking fewer than 12 semester hours will pay \$ 134.00 per credit hour in tuition; non-residents will pay \$ 535.00 per credit hour in tuition. *Fees to other campuses.		

Columbus Occupational Therapy		
Summer Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,604.00	\$ 6,416.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	*Other Campus 194.00	*Other Campus 194.00
TOTAL per semester	\$ 1,873.00	\$ 6,685.00
Georgia residents taking fewer than 12 semester hours will pay \$ 134.00 per credit hour in tuition; non-residents will pay \$ 535.00 per credit hour in tuition.		
*Fees to other campuses.		

Tuition and Fees

Students | Prospective Students | Medical College of Georgia

Please email comments, suggestions or questions to:

Lori DeWulf, ldewulf@mcg.edu

April 12, 2004

[Tuition and Fees Index](#)[School of Allied Health Sciences](#)[School of Dentistry](#)[School of Graduate Studies](#)[School of Medicine](#)[School of Nursing](#)**School of Dentistry**For additional budget information, please see the [School's Admissions Bulletin](#).**Fall Semester 2003 and Spring Semester 2004****Georgia Residents****Non-Residents****All fees are subject to change.**Tuition per Semester
(All Full-time students)

\$ 3,681.00

The School of Dentistry does not accept non-residents

Technology Fee (All students regardless of hrs - per semester)

75.00

Activity Fee

38.00

Wellness Center Fee

50.00

Health Fee
(Students w/ 6 or more hours per semester).

130.00

TOTAL per semester**\$ 3,974.00****School of Dentistry**For additional budget information, please see the [School's Admissions Bulletin](#).**Summer Semester 2004****Georgia Residents****Non-Residents****All fees are subject to change.**Tuition per Semester
(All Full-time students)

\$ 3,681.00

The School of Dentistry does not accept non-residents

Technology Fee (All students regardless of hrs - per semester)	75.00
Activity Fee	25.00
Wellness Center Fee	50.00
Health Fee (Students w/ 6 or more hours per semester).	90.00
TOTAL per semester	\$ 3,921.00

Tuition and Fees

Students | Prospective Students | Medical College of Georgia

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April 12, 2004

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[Tuition and Fees Index](#)[School of Allied Health Sciences](#)[School of Dentistry](#)[School of Graduate Studies](#)[School of Medicine](#)[School of Nursing](#)**School of Graduate Studies****Programs in Augusta**

Fall Semester 2003 and Spring Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,925.00	\$ 7,700.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Activity Fee	38.00	38.00
Wellness Center Fee	50.00	50.00
Health Fee (Students w/ 6 or more hours per semester).	130.00	130.00
TOTAL per semester	\$2,218.00	\$7,993.00

Georgia residents taking fewer than 12 semester hours will pay \$ 161.00 per credit hour in tuition; non-residents will pay \$ 642.00 per credit hour in tuition.

Programs in Augusta

Summer Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,925.00	\$ 7,700.00

Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Activity Fee	38.00	38.00
Wellness Center Fee	50.00	50.00
Health Fee (Students w/ 6 or more hours per semester).	90.00	90.00
TOTAL per semester	\$ 2,178.00	\$ 7,953.00

Georgia residents taking fewer than 12 semester hours will pay \$ 161.00 per credit hour in tuition; non-residents will pay \$ 642.00 per credit hour in tuition.

Master of Nursing Program in Columbus

Fall Semester 2003 and Spring Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,925.00	\$ 7,700.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	*Other Campus 194.00	*Other Campus 194.00
TOTAL per semester	\$ 1,939.00	\$ 6,961.00

Georgia residents taking fewer than 12 semester hours will pay \$ 161.00 per credit hour in tuition; non-residents will pay \$ 642.00 per credit hour in tuition. *Fees to other campuses.

Master of Nursing Program in Columbus

Summer Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		

Tuition per Semester (All Full-time students)	\$ 1,925.00	\$ 7,700.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	*Other Campus 194.00	*Other Campus 194.00
TOTAL per semester	\$ 2,194.00	\$ 7,969.00

Georgia residents taking fewer than 12 semester hours will pay \$ 161.00 per credit hour in tuition; non-residents will pay \$ 642.00 per credit hour in tuition.
*Fees to other campuses.

Master of Nursing Program in Athens (SONAT)

Fall Semester 2003 and Spring Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,925.00	\$ 7,700.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	*Other Campus 360.00	*Other Campus 360.00
TOTAL per semester	\$ 2,360.00	\$ 8,135.00

Georgia residents taking fewer than 12 semester hours will pay \$ 161.00 per credit hour in tuition; non-residents will pay \$ 642.00 per credit hour in tuition.
*Fees to other campuses.

Master of Nursing Program in Athens (SONAT)

Summer Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,925.00	\$ 7,700.00

Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	*Other Campus 360.00	*Other Campus 360.00
TOTAL per semester	\$ 2,360.00	\$ 8,135.00
<p>Georgia residents taking fewer than 12 semester hours will pay \$ 161.00 per credit hour in tuition; non-residents will pay \$ 642.00 per credit hour in tuition.</p> <p style="text-align: right;">*Fees to other campuses.</p>		

Tuition and Fees

Students | Prospective Students | Medical College of Georgia

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April 12, 2004

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[Tuition and Fees Index](#)[School of Allied Health Sciences](#)[School of Dentistry](#)[School of Graduate Studies](#)[School of Medicine](#)[School of Nursing](#)**School of Medicine**

For additional budget information, please see the [School's Admissions Bulletin](#).

Please read the School of Medicine [Tuition Payment Policy](#).

Fall Semester 2003 and Spring Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 4,886.00	\$ 14,988.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Activity Fee	38.00	38.00
Wellness Center Fee	50.00	50.00
Health Fee (Students w/ 6 or more hours per semester).	130.00	130.00
TOTAL per semester	\$ 5,179.00	\$ 1,5281.00

School of Medicine

For additional budget information, please see the [School's Admissions Bulletin](#).

Please read the School of Medicine [Tuition Payment Policy](#).

Summer Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 4,886.00	\$ 14,988.00

Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Activity Fee	25.00	25.00
Wellness Center Fee	50.00	50.00
Health Fee (Students w/ 6 or more hours per semester).	90.00	90.00
TOTAL per semester	\$ 5,126.00	\$ 15,228.00

Tuition and Fees

Students | Prospective Students | Medical College of Georgia

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April 12, 2004

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[Tuition and Fees Index](#)[School of Allied Health Sciences](#)[School of Dentistry](#)[School of Graduate Studies](#)[School of Medicine](#)[School of Nursing](#)**School of Nursing****BSN and RN-to-BSN Programs in Augusta**

Fall Semester 2003 and Spring Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,604.00	\$ 6,416.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Activity Fee	38.00	38.00
Wellness Center Fee	50.00	50.00
Health Fee (Students w/ 6 or more hours per semester).	130.00	130.00
TOTAL per semester	\$ 1,897.00	\$ 6,709.00

Georgia residents taking fewer than 12 semester hours will pay \$ 134.00 per credit hour in tuition; non-residents will pay \$ 535.00 per credit hour in tuition.

BSN and RN-to-BSN Programs in Augusta

Summer Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,604.00	\$ 6,416.00

Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Activity Fee	25.00	25.00
Wellness Center Fee	50.00	50.00
Health Fee (Students w/ 6 or more hours per semester).	80.00	80.00
TOTAL per semester	\$ 1,834.00	\$ 6,646.00

Georgia residents taking fewer than 12 semester hours will pay \$ 134.00 per credit hour in tuition; non-residents will pay \$ 535.00 per credit hour in tuition.

BSN and RN-to-BSN Programs in Athens

Fall Semester 2003 and Spring Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,604.00	\$ 6,416.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	*Other Campus 360.00	*Other Campus 360.00
TOTAL per semester	\$ 2,039.00	\$ 6,851.00

Georgia residents taking fewer than 12 semester hours will pay \$ 134.00 per credit hour in tuition; non-residents will pay \$ 535.00 per credit hour in tuition. *Fees to other campuses.

BSN and RN-to-BSN Programs in Athens

Summer Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		

Tuition per Semester (All Full-time students)	\$ 1,604.00	\$ 6,416.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	*Other Campus 360.00	*Other Campus 360.00
TOTAL per semester	\$ 2,039.00	\$ 6,851.00

Georgia residents taking fewer than 12 semester hours will pay \$ 134.00 per credit hour in tuition; non-residents will pay \$ 535.00 per credit hour in tuition.
*Fees to other campuses.

RN-to-BSN Programs in BARNESVILLE (Gordon College)

Fall Semester 2003 and Spring Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,604.00	\$ 6,416.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	*Other Campus 60.00	*Other Campus 60.00
TOTAL per semester	\$ 1,739.00	\$ 6,551.00

Georgia residents taking fewer than 12 semester hours will pay \$ 134.00 per credit hour in tuition; non-residents will pay \$ 535.00 per credit hour in tuition.
*Fees to other campuses.

RN-to-BSN Programs in BARNESVILLE (Gordon College)

Summer Semester 2003	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,604.00	\$ 6,416.00

Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	*Other Campus 60.00	*Other Campus 60.00
TOTAL per semester	\$ 1,739.00	\$ 6,551.00

Georgia residents taking fewer than 12 semester hours will pay \$ 134.00 per credit hour in tuition; non-residents will pay \$ 535.00 per credit hour in tuition.
*Fees to other campuses.

RN-to-BSN Programs in Columbus

Fall Semester 2003 and Spring Semester 2004	Georgia Residents	Non-Residents
All fees are subject to change.		
Tuition per Semester (All Full-time students)	\$ 1,604.00	\$ 6,416.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	*Other Campus 194.00	*Other Campus 194.00
TOTAL per semester	\$ 1,873.00	\$ 6,685.00

Georgia residents taking fewer than 12 semester hours will pay \$ 134.00 per credit hour in tuition; non-residents will pay \$ 535.00 per credit hour in tuition.
*Fees to other campuses.

Tuition and Fees

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April 12, 2004



**Office of
Special Academic Programs**
Research & Education Bldg.
Room CB-1801
Medical College of Georgia
Augusta, GA 30912-1900
706-721-2522

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(including Summer
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[Office Administrators](#)

[Services](#)

[Comments from our
Students](#)

[MCG Health Sciences
Educational
Opportunities](#)

[Prospective Students](#)

[School of Medicine](#)

[Program Applications](#)

Office of Special Academic Programs



The Office of Special Academic Programs serves as the office of multicultural affairs in the School of Medicine and plays a key role in student recruitment and retention. Programs sponsored by the Office of Special Academic Programs represent the [educational pipeline](#) established by the School of Medicine at the Medical College of Georgia (MCG) to encourage talented students, who are underrepresented in the health sciences as well as other disadvantaged students, to pursue careers in the health professions, to promote their recruitment to MCG, and to contribute to their retention after they have been admitted into one of MCG's health professional schools. These programs represent a broad spectrum of educational opportunities for students ranging from ninth-grade in high school through professional studies in the allied health sciences, dentistry, graduate studies, medicine and nursing. Moreover, they have a long tradition of success based upon the efforts of the many dedicated students, administrators and faculty who have participated in them for nearly three decades. As you learn more about our programs, perhaps at some future time you will become directly involved as a participant and/or a supporter of the goals that they attempt to achieve.

For more information on Special Academic Programs, please contact the office at School of Medicine, CB-1801, Augusta GA 30912-1900 or by phone at (706) 721-2522.

School of Medicine | Medical College of Georgia

Please email comments, suggestions or questions to:
Rosie Allen-Noble, Ed.D., rnoble@mail.mcg.edu.

September 18, 2003

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Office of Student Diversity

Services and Programs

*International Student
and Scholar Advisement*

*Minority Academic Advisement
Program (MAAP)*

*Fort Valley State University -
MCG Pipeline Initiative*

[Useful Links](#)



Services and Programs

International Student and Scholar Advisement

The Office of Student Diversity advises Medical College of Georgia units on selected immigration issues in support of the academic programs and research enterprises. Specific areas of responsibility include international and immigration issues that relate to students, as well as faculty and staff J-1 Exchange Visitors. As the office responsible for the administration of the exchange visitor (J-1) and non-immigrant student (F-1) programs, the Office of Student Diversity is MCG's interface through the Student and Exchange Visitor Information System with the U.S. Department of Homeland Security and the U.S. Department of State.

Minority Academic Advisement Program (MAAP)

At MCG, the University System of Georgia Minority Advising Program functions under the heading of Minority Academic Advisement Program (MAAP). The program supplements the regular academic support and social support provided within each of the schools. The [campus-wide tutorial program](#) administered by the School of Medicine's Office of Special Academic Programs is a MAAP function.

The Minority Advising Program and the Minority Recruitment Plan was established in 1983 to address the specific problems faced by minority students within the University System of Georgia that affect their recruitment and retention. Originally, the Minority Advising Program and the Minority Recruitment Plan were a part of the 1983 Addendum to the 1978 Desegregation Plan. After the University System of Georgia was relieved of reporting to the Office of Civil Rights in 1985-86, the Minority Advising Program and the Minority Recruitment Plan continued, as a System effort, to promote the recruitment and retention of minority students.

Director

[Beverly Y.M. Tarver](#)

Contact Us

[Office of Student Diversity](#)

Medical College of Georgia
1120 Fifteenth St., DA-237
Augusta, GA 30912-7303
USA

diversity@mcg.edu

706.721.2821, office
706.721.2134, fax

The Chief Administrative Officer for MAAP at MCG is Dr. Barry D. Goldstein, Provost. The MAAP Coordinator for MCG is Ms. Beverly Y.M. Tarver, Director of Student Diversity.

Fort Valley State University - MCG Pipeline Initiative

The overall purpose of the Fort Valley State University-Medical College of Georgia Pipeline Initiative is to increase the number of minority medical and other health professionals via a collaborative effort between FVSU and MCG at the middle-school, secondary school and undergraduate levels.

The collaborative agreement includes seven informational sessions conducted by MCG faculty, staff and student representatives on the FVSU campus from September through April. MCG serves as host for campus tours for FVSU summer program participants and student groups as well as provides materials and support to the program.

Community Luncheon Series

The Community Luncheon Series (seven luncheons from September to May) offers MCG students and others in the MCG community the opportunity to interface with campus and community resources on topics of current interest. The Student Government Association provides support for the Community Luncheon Series.

[Student Diversity](#) | [Medical College of Georgia](#)

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April 21, 2004



2004-2005 MCG Student Handbook

Update In Progress

Table of Contents

Other Welcome Letters

[Director of Student Affairs](#)

[Student Government Association](#)

[General Information](#)

[Division of Student Affairs](#)

[Student Services](#)

[Student Organizations](#)

[Selected Policies and
Procedures](#)

[Student Conduct Code and
Procedures](#)

Appendices

[Appendix A](#)

Student Government Association:
Constitution and Bylaws

Dear Students:

I am pleased to welcome you to the Medical College of Georgia, a freestanding, public academic medical center with a rich past and a promising future. Over the past 175 years, the faculty of the Medical College of Georgia have educated more than 27,000 health care professionals. From our first class of four students to a current enrollment of more than 2,000, MCG's mission has remained constant - to improve health and reduce the burden of illness in society by discovering, disseminating, and applying knowledge of human health and disease.



You begin your education at the Medical College of Georgia at a time of extraordinary scientific opportunity. Private and public funding for basic and clinical research has reached unprecedented levels. Advances in the biomedical sciences are transforming our society.

You also begin your education at a time of extraordinary societal need. While the health status of Americans has increased dramatically in recent years, alarming disparities exist among rural populations and among racial and ethnic minorities. As health care practitioners, we must make improvements in health care access and service delivery to improve the health status of all Americans. The Medical College of Georgia has made significant strides to improve access to care for Georgia's

[Appendix B](#)

Board of Regents Statement on Student Conduct

[Appendix C](#)

Sexual Harassment Policy

[Appendix D](#)

Student Procedures for Filing Discrimination and Harassment Complaints

[Appendix E](#)

Sexual Assault Policy

[2003-2004 Academic Calendar](#)

[Staying Well](#)

under represented and disadvantaged populations. We're still not where we want to be, but we will continue our efforts in this important area.

Georgia, indeed many states, is experiencing a serious shortage of nursing and allied health professionals. Physical therapists, occupational therapists, respiratory therapists, health information administrators, and physician assistants are among the health care fields projected to experience the highest percentage of growth in Georgia over the next five years. Of the 20 fastest growing occupations in the state, half are in the health services industry. The Medical College of Georgia is also doing its part to address these demands by increasing enrollment every year and adding a number of new academic programs.

This really is an exciting time to embark upon a career in health care or biomedical research. When you graduate, you will be expert practitioners - ready to tackle complex medical problems and biomedical mysteries. You also will be prepared for lifelong learning. To keep pace with the rapid advances in biomedical sciences, you must always be a student at heart.

The Medical College of Georgia is a community of healers, of teachers, of discoverers. You - our students - are the important members of that community. I wish you the best of luck in your studies. Thank you for entrusting your professional education to the Medical College of Georgia.

Sincerely,



President

[Information For Current Students](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:
David Wardlaw, dwardlaw@mail.mcg.edu

May 21, 2004

Medical College of Georgia

[A-Z Index](#) | [MCG Home](#)



This page is being updated.

Please check back soon.

Table of Contents

Other Welcome Letters

[Director of Student Affairs](#)

[Student Government Association](#)

[General Information](#)

[Division of Student Affairs](#)

[Student Services](#)

[Student Organizations](#)

[Selected Policies and Procedures](#)

[Student Conduct Code and
Procedures](#)

Appendices

[Appendix A](#)

Student Government Association:
Constitution and Bylaws

[Appendix B](#)

Board of Regents Statement on

Student Conduct

[Appendix C](#)

Sexual Harassment Policy

[Appendix D](#)

Student Procedures for Filing
Discrimination and Harassment
Complaints

[Appendix E](#)

Sexual Assault Policy

[2003-2004 Academic Calendar](#)

[Staying Well](#)

[Information For Current Students | Medical College of Georgia](#)

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May 21, 2004



Student Government Association of the Medical College of Georgia

Table of Contents

Other Welcome Letters

[Director of Student Affairs](#)

[Student Government Association](#)

[General Information](#)

[Division of Student Affairs](#)

[Student Services](#)

[Student Organizations](#)

[Selected Policies and
Procedures](#)

[Student Conduct Code and
Procedures](#)

Appendices

[Appendix A](#)

Student Government
Association:



Kyle Shaddix
School of Medicine
Class of 2006
President

kshaddixMD@students.mcg.edu



Philip Jones
School of Medicine
Class of 2006
Vice-President

pjonesMD@students.mcg.edu

Constitution and Bylaws

[Appendix B](#)

Board of Regents Statement on Student Conduct

[Appendix C](#)

Sexual Harassment Policy

[Appendix D](#)

Student Procedures for Filing Discrimination and Harassment Complaints

[Appendix E](#)

Sexual Assault Policy

[2003-2004 Academic Calendar](#)

[Staying Well](#)



Hannah Hughes Green

School of Nursing

Class of 2005

Comptroller

hhughesNU@students.mcg.edu



Courtney Johnston

School of Allied Health Sciences

Class of 2006

Secretary

cjohnstonAH@students.mcg.edu

Welcome to the Medical College of Georgia.

We, the student government officers, would like to seize this opportunity to congratulate you on the commencement of your MCG education. We also wish to extend an invitation to each student to call on us with any concerns, thoughts, or suggestions that may arise throughout the year.

As you know, your educational pursuits will prove both rewarding and stressful. It is the duty of the Student Government Association (SGA) to assist in alleviating some of the tension you will encounter. Our remedy includes both athletics and campus-wide social gatherings. The SGA sponsors a wide and ever-expanding range of intramural sports and also supports many instructional programs at our new, multi-faceted Wellness Center. In addition to these diversions, we endeavor to provide an excellent entertainment lineup. Entertainment in the past has included musicians, comedians, DJ's, and hypnotists. As we perpetually search for new ideas,

we will make every effort to ensure continued innovation. The entertainment is showcased at monthly TGIF parties. These events are the most popular on campus. At these affairs, food and beverages are provided in an atmosphere conducive to mingling with not only your own classmates but also fellow students from all corners of campus.

Your experience at MCG is dictated by what you choose to make of it. Please do not simply sit idly by and watch things happen. Instead, become involved in campus activities and embrace the attitude of civic responsibility fostered by our institution. The SGA offers many opportunities for leadership on campus and throughout the community. We encourage you to help shape the future of MCG.

Your opinions are important to us and necessary for our future success. With your input, the upcoming year promises to be both educational and exciting. If you would care for more information on how to become involved or would like to speak to any of the SGA officers, please don't hesitate to call the SGA office at 721-3357.

Once again, welcome to the MCG family.

Sincerely,

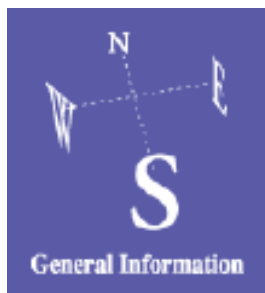


Kyle Shaddix
President

[Information For Current Students](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:
David Wardlaw, dwardlaw@mail.mcg.edu

May 21, 2004



General Information

Introduction

This information is prepared for the convenience of faculty, employees and students and is not to be construed as an official publication of the Board of Regents of the University System of Georgia. In case of any divergence from or conflict with the bylaws or policies of the Board of Regents, the official bylaws and policies of the Board of Regents shall prevail.

This information, compiled by the Division of Student Affairs and produced by the Divisions of Institutional Relations, Health Communication and Continuing Education, is designed to acquaint incoming students with the services, programs and rules that pertain to students of the university. It is hoped that the calendar will prove valuable to students and help them come to feel at home in our academic environment.

The Medical College of Georgia is an affirmative action/equal opportunity educational institution in that no person shall, on the grounds of sex, race, color, creed, national origin, age, religion or disability, be excluded from participation in, or be otherwise subject to discrimination in any educational program, activity or facility.

University Organization and Administration

The president is the chief administrative officer of the Medical College of Georgia. MCG affiliates with the teaching hospital, MCG Health Inc. and the Georgia War Veterans Nursing Home. The latter is owned by the Veterans Service Board of Georgia and is operated under contract by MCG. The Medical College of Georgia has on-campus clinical facilities, as well as affiliate teaching arrangements with several other hospitals and facilities. Chief among these is University Hospital, the municipal hospital for Augusta/Richmond County, and the Department of Veterans Affairs Medical Center in Augusta.

The faculty and administrative officers are governed by policies of the Board of Regents of the University System of Georgia and of the university.

Senior Administration

- **Dr. Daniel W. Rahn**
President
- **Dr. Barry D. Goldstein**
Provost
- **Dr. J. Michael Ash**
Vice President Administration
- **Dr. Michael H. Miller**

[Introduction](#)

[University Organization and Administration](#)

[Senior Administration](#)

[Excerpt from Statement of Institutional Purposes](#)

[Board of Regents](#)

[Where to Go, Whom to See](#)

[Use of the Masculine Pronoun](#)

Vice President Enrollment and Student Services/Registrar

- **Mr. R. Bryan Ginn, Jr.**
Vice President External and Government Relations
- **Ms. Diane C. Wray**
Vice President Finance
- **Ms. Beth P. Brigdon**
Vice President Information Technology
- **Mr. Clayton D. Steadman**
Vice President Legal Affairs
- **Dr. Matthew J. Kluger**
Vice President Research
- **Mr. L. Keith Todd**
Vice President University Advancement
- **Dr. Roman M. Cibirka**
Associate Vice President Academic Affairs
- **Dr. Anthony L. Mulloy**
Associate Vice President Clinical Research
- **Ms. Betty Aldridge**
Associate Vice President Research
and Sponsored Program Administration
- **Dr. Michael G. Gabridge**
Associate Vice President Technology Transfer
and Economic Development
- **Ms. Deborah L. Barshafsky**
Executive Assistant to the President
- **Mr. Andrew R. H. Newton**
Senior Legal Advisor
- **Dr. Julius S. Scott, Jr.**
Special Assistant to the President
for Diversity Initiatives
- **Dr. Leona C. Mishoe**
Dean, School of Allied Health Sciences
- **Dr. Connie L. Drisko**
Dean, School of Dentistry
- **Dr. Matthew J. Kluger**
Dean, School of Graduate Studies
- **Dr. David M. Stern**
Dean, School of Medicine

- **Dr. Katherine E. Nugent**
Dean, School of Nursing (Interim)

Excerpt from Statement of Institutional Purposes

The Medical College of Georgia, chartered in 1828 as a single academy to provide instruction in "several branches of the healing art," is a major academic health center and a health sciences research university. The institution, consisting of the schools of Allied Health Sciences, Dentistry, Graduate Studies, Medicine and Nursing and MCG Hospital and Clinics, serves as a highly focused and specialized student body. As an academic health center and research university, the Medical College of Georgia is committed to:

- Excellence in academic achievement, which will bring to it national and international recognition
- Development of a fully integrated and cost-efficient health care system that provides leading-edge clinical innovation and technology
- A shared responsibility for meeting the health care needs of a widely dispersed and highly diverse population
- Broadly based research, scholarship and creative endeavors consistent with the highest standard of academic excellence

In view of these commitments, the Medical College of Georgia affirms the following major purposes:

- To provide outstanding educational programs for health professionals, biomedical scientists and educators at the undergraduate, graduate and postgraduate levels and for lifelong learning through excellence in teaching and the total development of students in response to Georgia's health needs.
- To provide a high-quality, state-of-the-art health care system, which includes health promotion and disease prevention, and to encourage, test and improve access through the innovations in health care delivery responsive to the changing demographics and needs of the people of the state and nation.
- To be a leading center of excellence in research by generating and applying biomedical knowledge and technology to human health and disease and to play an expanding role in transferring technology to the health care delivery system.

In fulfilling this mission, the Medical College of Georgia aspires to be one of the nation's premier academic health centers for outstanding education, committed public service and leading-edge research and scholarship. As it pursues this goal, the institution is determined to embody the concept of interactive, ongoing partnerships embracing students, patients and the public across the state and nation to effectively serve those who seek a career, those who seek knowledge and those who seek care.

-- Approved and adopted by the Board of Regents, July 9, 1996.

Board of Regents

The Board of Regents of the University System of Georgia is a constitutional body empowered to govern all public institutions of higher learning in Georgia. Its members are appointed for staggered terms by the governor of Georgia.

The chancellor, appointed by the regents, reports to the regents on behalf of the university system's 34 institutions. Presidents of the institutions report to the regents through the chancellor.

The university system is made up of diverse institutions, ranging from universities to junior colleges and four-year liberal arts colleges. Ninety percent of the state's population is estimated to be within commuting distance of a unit of the system.

Where to Go, Whom to See

Academic Information Registrar's Office 171 Kelly Administration Building	(706) 721-2201
Admissions <i>School of Medicine</i> School of Medicine Admissions 2040 Kelly Administration Building	(706) 721-3186
<i>Dentistry</i> Student Admissions and Academic Support School of Dentistry	(706) 721-3587
<i>Schools of Allied Health Sciences, Graduate Studies and Nursing</i> Academic Admissions Office 170 Kelly Administration Building	(706) 721-2725
Transfer of Credit Registrar's Office 171 Kelly Administration Building	(706) 721-2201
Career Services Second Floor, Student Center	(706) 721-3356
Catalog Registrar's Office 171 Kelly Administration Building	(706) 721-2201
Chaplain The Rev. W. Jeffrey Flowers 201 MCG Hospital	(706) 721-2929
Check Cashing (\$50 limit) Bookstore First Floor, Student Center	(706) 721-3581
Computer Laboratories Robert B. Greenblatt, M.D. Library Second Floor, Student Center	(706) 721-3441 (706) 721-3356
Office of Bio-Statistics and Bioinformatics Third Floor, Pavilion I	(706) 721-3785

<p>Counseling <i>Personal</i> Student Health Psychologist Student Health Center</p> <p><i>Academic</i> Academic Advisors, Deans, Associate Deans</p> <p><i>Minority Students</i> Director of Student Diversity Second Floor, Student Center</p>	<p>(706)721-3448</p> <p>(706) 721-2821</p>
<p>Employment - <i>Summer/Part-time</i> Financial Aid Office 2013 Kelly Administration Building</p> <p>- <i>Placement Office</i> Student Center</p> <p>- <i>Spouse Employment</i> Employment Office, Personnel Building</p> <p>- <i>Financial Assistance</i> Financial Aid Office 2013 Kelly Administration Building</p>	<p>(706) 721-4901</p> <p>(706) 721-3356</p> <p>(706) 721-3081</p> <p>(706) 721-4901</p>
<p><u>Health Center Credit Union</u> First Floor, Faculty Office Building or Second Floor, Annex II</p>	<p>(706) 721-2040</p>
<p><u>Housing</u> Housing Office, Second Floor, Student Center <i>Applications, Room Assignments, Maintenance</i> <i>Off-Campus Housing</i></p> <p>After-hours and weekend maintenance</p>	<p>(706) 721-3471</p> <p>(706) 721-2434</p>
<p>International Visitor Visa Information Second Floor, Student Center</p>	<p>(706) 721-2821</p>
<p><u>Library Information Center</u> Robert B. Greenblatt, M.D. Library</p>	<p>(706) 721-3441</p>
<p>Lost and Found Report Stolen Articles Public Safety Office</p>	<p>(706) 721-2911</p>
<p>Mail Mail Room and Student Boxes 114 Central Distribution Building</p>	<p>(706) 721-3996</p>
<p>Notary Public Registrar's Office 173 Kelly Administration Building</p>	<p>(706) 721-2201</p>
<p><u>Parking</u> Annex II</p>	<p>(706) 721-2911</p>

Photocopy Center First Floor, Annex II	(706) 721-3333
Physical Plant Physical Plant Administrative Building	(706) 721-3477
<u>Police</u> Public Safety Division	(706) 721-2911
Printing First Floor, Annex II	(706) 721-3575
Recreational Activities Student Government Association Second Floor, Student Center	(706) 721-3357
Security Escort Service Public Safety Division	(706) 721-2911
Service for the Handicapped Director of Student Affairs Second Floor, Student Center	(706) 721-3356
Student Center <i>Building Coordinator</i> Second Floor, Student Center <i>Meeting Room Reservations</i> Second Floor, Student Center <i>Student Government Association President</i> Second Floor, Student Center	(706) 721-3471 (706) 721-3356 (706) 721-3357
Student Conduct Code and Procedures Division of Student Affairs Second Floor, Student Center	(706) 721-3356
Student Health Pavilion II	(706) 721-3448
Group Student Health Insurance Group Student Disability Insurance Division of Student Affairs Second Floor, Student Center	(706) 721-3356
Veterans' Benefits Registrar's Office 173 Kelly Administration Building	(706) 721-2201
Voter Registration Registrar's Office 173 Kelly Administration Building	(706) 721-2201

Withdrawal

Refer to [Student Withdrawal Policy](#)

School of Allied Health Sciences Dean or Associate Dean	(706) 721-2621
--	----------------

School of Dentistry Associate Dean for Admissions, Student Affairs & Alumni	(706) 721-2813
--	----------------

School of Graduate Studies Associate Dean Graduate nursing students should contact the Vice Dean of the School of Nursing at (706) 721-2787	(706) 721-3278
--	----------------

School of Medicine Associate Dean for Admissions & Student Affairs	(706) 721-3817
---	----------------

School of Nursing Vice Dean	(706) 721-2787
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Use of the Masculine Pronoun

Since the English language contains no singular pronoun which includes both sexes, wherever the word "he" appears in this handbook, it signifies he/she.

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Please email comments, suggestions or questions to:
David Wardlaw, dwardlaw@mail.mcg.edu

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March 25, 2004

[Admissions](#)[Financial
Aid](#)[Registrar](#)[Tuition/Fees](#)[Student
Affairs](#)[Student Health](#)[Housing](#)

Student Affairs

- [Career Services](#)
- [Student Diversity](#)
- [Student Housing](#)
- [Wellness Center](#)

The responsibilities of health professionals in our society make it imperative that students learn to work with people and develop leadership skills, as well as learn factual material. The Division of Student Affairs attempts to provide opportunities for students' professional growth in human relationships and leadership development through its many services. From this premise, the following purpose of the Division of Student Affairs has been developed:

Provide students with services that facilitate pursuit of their formal professional education and assist them in their professional growth.

The purpose of the division is achieved through these commitments:

- Provide opportunities for the personal and professional development of students. The many changes facing health professionals and our society make it imperative that students of these professions develop themselves totally and learn to work with people in all human relationships, as well as learn factual material.
- Provide students with services that will help them pursue their formal professional educations. Well-developed services for students enhance the probability that the students using these services will have more time and energy to spend on the formal academic and clinical aspects of their education.
- Perform those student affairs functions necessary to promote and strengthen a sense of community among the students, faculty and administrative staff of the Medical College of

[Student Affairs Staff](#)[Student Handbook](#)[Student Pictorial Directory](#)[Student Health Insurance
Waiver](#)

Student Affairs

Medical College of
Georgia
1120 Fifteenth St.,
DA-206
Augusta, GA 30912-
7325
Tel: 706.721.3356
Fax: 706.721.2134

Georgia. The university is a community composed of thousands of people. A dynamic, growing academic community requires a broad base of community participation in policy development, effective communication among all groups, realistic standards of behavior and mutual respect among everyone at the university.

The Division of Student Affairs, in fulfilling these purposes, administers a variety of student services and programs.

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Please email comments, suggestions or questions to:
David Wardlaw, dwardlaw@mcg.edu
May 20, 2004



Student Organizations

The Student Government Association and other student organizations are independent associations. They are not agents or representatives of the Medical College of Georgia and are in no way authorized or empowered to enter into any agreement, contract or understanding on behalf of MCG. Any provision or understanding that purports to bind the Medical College of Georgia is null and void.

In accordance with the Medical College of Georgia's policies and procedures governing the use of facilities, student organizations desiring to use university facilities for their activities and meetings must be registered by the institution on an annual basis. Student organization registration forms are available in the Student Affairs office in the Student Center.

Student Government Association

The SGA was formed in 1967 to unify and better serve the MCG student body. This governmental body has initial authority to administer student activity fees within the general guidelines for the use of state funds. The association consists of elected representatives from each of the schools and departments of the university. The SGA Constitution is printed in Appendix A of this handbook.

The SGA sponsors intramural athletic programs and funds, promotes social and entertainment events and provides feedback regarding student health, student housing, parking and other student services. Hence, the SGA is responsible for many of the benefits and privileges each MCG student enjoys.

Most importantly, the SGA serves as a primary link between students, administration and faculty. In fact, through the years much progress has been brought about through meaningful discussion with MCG faculty and administrators.

Meetings are held almost monthly during the regular academic year and are open to all students. Meeting times are posted around campus and may be obtained by calling the SGA Office at (706) 721-3357.

Contact: [any SGA officer](#)

American Medical Association/Medical Student Section

(not yet registered for 2003-2004)

As a member of the Medical Student Section of the American Medical Association, you begin your involvement in organized medicine. The AMA represents the interests of all U.S. physicians through Congressional lobbying. This representation includes medical students, residents and new physicians as well as established physicians. New medical information is regularly dispersed to AMA members through the weekly publications, The Journal of the American Medical Association and the AMA News. Two conventions are held annually for the AMA/MSS chapters to allow medical students nationwide to exchange ideas and to let their ideas be expressed to the AMA House of Delegates. The local AMA/MSS chapter is involved in the student section of the Medical Association of Georgia as well as the Richmond County Medical Society. The chapter is also responsible for yearly fund-raising events for selected charity organizations.

American Medical Student Association

(not yet registered for 2003-2004)

AMSA is the largest medical student organization in the United States. It is totally student-run, and represents the interests of medical students and residents through congressional lobbying, its magazine The New Physician and other means. The yearly national convention and regional conferences allow medical students nationwide to gather and exchange new ideas. The local AMSA chapter has been very active in projects for the homeless and has represented MCG in various regional and national projects through task forces such as International Health Studies, Heart-to-Heart (stethoscope drive for medical students in Third World countries) and legislative lobbying involving health issues.

American Medical Women's Association

AMWA is an organization of 10,000 physicians and medical students dedicated to serving both as a voice for women's health and the advancement of women in medicine. It is open to all

students (both male and female) interested in women's health. Some of the women's health issues AMWA has worked to improve include: smoking prevention and cessation, osteoporosis, violence against women, heart disease, gender equity, breast cancer, and reproductive health. Our local chapter provides a network for female medical students, and offers numerous educational lectures and opportunities in the area of women's health available to all students throughout the year. For more information, please see our national organization's website at www.amwa-doc.org or contact one of our local officers.

Contact: [Asmaa Bhatti](#) or [Campbell Austin](#)

Advisor: [Dr. Linda Lentz](#)

American Student Dental Association

(not yet registered for 2003-2004)

The local ASDA chapter at MCG was organized in 1970. The ASDA councils form the student government in the dental school and organize student events such as Clinic Day, Sports Day and guest speakers. ASDA also informs students of events, benefits and responsibilities in organized dentistry on the local, state and national level. ASDA is the recognized student affiliate of the American Dental Association. Membership is open to all dental students and recent dental school graduates involved in dental specialty programs at MCG. ASDA membership allows students concurrent acceptance into the Georgia Dental Association on a non-dues-paying basis.

Committee for Medical Student Well-Being

(not yet registered for 2003-2004)

Medical school is stressful for most students. Pressures from all aspects of a student's life can, at times, be substantial. Some students experience serious stress and manifest significant impairment.

Impairment does not mean the occasional use of alcohol or other drugs, nor does it mean the occasional moodiness we all experience. Rather, impairment is a more serious state in which the ability to function is adversely affected, or a persistent behavior pattern concerns the student or those who know him.

The earliest signs of impairment are behavioral and may include the inability to perceive events accurately, a combative defensiveness about, and preoccupation with, alcohol or other

drug use and/or alienation and isolation from close associates. Outright impairment may include substance abuse, severe depression or other disturbances manifested by disruptive behavior. The definition does not preclude serious physical impairments that may interfere substantially with medical education.

The Committee for Medical Student Well-Being was established because impaired medical students have a responsibility to themselves, the medical profession and society to recognize their problem and seek help in recovering. If they are unwilling or unable to seek assistance, fellow medical students, faculty and loved ones have a responsibility to recognize their impairment and help them obtain the most competent and effective treatment available. An institution responsible for training physicians should encourage and facilitate recognizing, treating and rehabilitating impaired medical students.

The committee will attempt in a compassionate and understanding way to confidentially advise, guide and support impaired students before they are irreversibly harmed. Committee members may also advise medical students, faculty, house-staff and family members concerned that an MCG medical student may have a problem with impairment. The committee attempts to provide help in a way that allows impaired students to receive treatment in confidence. Committee members help recovered students continue their medical education without stigma or penalty.

The ultimate success of the Committee for Medical Student Well-Being depends on student trust and confidence. With this in mind, the program is designed to protect both the impaired student and those who share their concerns about a possibly impaired student. Information about a student's impairment is confidential to the extent allowed by law.

Family Medicine Interest Group

(not yet registered for 2003-2004)

This student-led organization promotes interest in primary care, particularly family medicine. Periodic lunch or dinner meetings feature speakers on a wide range of topics, from practice scope to selection of a practice site. The group also sponsors an annual Southeastern Family Medicine Residency Fair. FMIG is

supported by the Department of Family Medicine, the Georgia Academy of Family Physicians, the American Academy of Family Physicians and Hoescht-Marion-Roussel, Inc. Membership for first-year medical students is free and includes a year's subscription to American Family Physician, a peer-reviewed monthly journal covering family practice issues.

Graduate Student Organization

The Graduate Student Organization represents graduate students in the framework of the School of Graduate Studies and the institution at large. Officers and student representatives to the Student Government Association are elected annually from the student body to express the academic and social concerns of the graduate student body and to act as a sounding board to promote closer relations among graduate students, faculty and administration. The GSO regularly conducts social activities and community service projects for fellowship and social support among graduate students and their community. In recognition of the graduate school, faculty and students, the annual Graduate Research Day enables graduate students to present their recent research efforts and to introduce visiting undergraduate students to the broad spectrum of research interests at MCG. Participation in this organization is encouraged for all master's and doctoral degree-seeking students.

Contact: [Jennifer Cannon](#)

Advisor: [Dr. Gretchen Caughman](#)

Habitat for Humanity Campus Chapter

(not yet registered for 2003-2004)

MCG Habitat for Humanity Campus Chapter is an unincorporated student-run, student-led organization that performs three main functions: building or rehabilitating houses in partnership with Habitat affiliates and homeowners; educating the campus and local community about affordable housing issues and the work of Habitat for Humanity; and raising funds for the work of Habitat. Participation in campus chapters enables students to put their love into action and to build partnership with people sharing a common goal. Participants gain greater awareness of the need for decent and affordable housing, encourages a deeper commitment to social action.

Internal Medicine Interest Group

Contact: [Jonathan Patton](#)

Advisor: [Dr. Harold Szerlip](#)

International Club

The International Club was started in 1988 by a group of students to promote international friendship and cultural awareness. In addition, the organization acts as a resource to international visitors. Its members are students, research fellows, interns and faculty from more than 35 countries. Membership is open to all, regardless of country of origin. The International Club hosts the monthly international lunch hour, potluck dinners, country presentations, picnics and other cultural events.

Contact: [Ana Marie Abreu-Velez](#) or [Yunuonh Liu](#)

Advisor: [Beverly Y. M. Tarver](#)

Lambda Alliance

Lambda Alliance's mission is to ensure a safe and friendly academic environment for LGBT students, residents and faculty in the medical community at the Medical College of Georgia. In our commitment to promoting diversity on this campus, we strive to provide resources, support, and a community for lesbian, gay, bisexual, transgender and questioning students. We also work towards welcoming LGBT applicants and providing resources to answer any questions they might have about life at MCG.

Contact: [Britt Sommerville](#)

Advisor: [Philip Robertson](#)

Medical Campus Outreach

Medical Campus Outreach is an interdenominational ministry on campus that helps students grow spiritually. Through the ministry students have various opportunities to grow in their knowledge of God, and develop character and leadership potential through Bible studies, campus meetings, retreats, conferences, summer training projects and international medical mission projects.

Contact: [Brian Stansfield](#)

Advisor: [Clark Newton](#)

Medical Students Auxiliary (MSA)

Medical Student Wives Club

The MSA-Medical Student Wives Club's membership consists of wives and fiancées of medical students. Since 1910, the club's primary objective has been social interaction and support of its members. However, the club is playing an ever-larger role in

projects benefiting MCG and the community as a whole. For example, the club publishes the Student Directory each year and donates profits from advertising to the MCG Children's Medical Center and Golden Harvest Food Bank. The membership also volunteers in a variety of other projects such as ushering at the MCG White Coat ceremony, caroling at the Georgia War Veteran's Home, sorting food at the Golden Harvest Food Bank, and decorating holiday stockings for the Children's Medical Center.

Contact: [Allison Gard](#) or [Jill Pruitt](#)

Advisor: [Dr. Mason Thompson](#)

Medical Students for Choice

Medical Students for Choice is a grassroots organization founded in response to increasing violence against abortion providers and decreasing educational opportunities for medical students. It is our goal to ensure that future physicians are able to provide their patients with comprehensive reproductive health care, which includes: education about all available contraceptive options, information on how to protect themselves against sexually transmitted diseases, comprehensive pregnancy options counseling, and access to abortion services. We address the need for supplemental education in the field of reproductive health through lunch lectures, movie nights, conference opportunities, and community visits. Educational activities are open to all students and will be announced throughout the year. For more information please contact the campus group or see our national organization's website at www.ms4c.org.

Contact: [Melissa Fritsche](#)

Advisor: [Dr. Charles Chaffin](#)

OB/GYN Interest Group

Contact: [Thandeka Myeni](#)

Advisor: [Dr. Lawrence D. Devoe](#)

Ophthalmology Interest Group

Contact: [Shivan Amin](#)

Advisor: [Dr. Balamurali Ambati](#)

Pediatric Interest Group

Contact: [India Cawley](#)

Advisor: [Dr. Karen Carter](#)

Student National Dental Association

(not yet registered for 2003-2004)

The Student National Dental Association (SNDA) was incorporated in 1972. The purpose of the organization was to encourage minority dental students in their endeavors of a dental career. Today the organization has grown to include over 1100 dental students of African-American, African, West Indian, Hispanic, and Native American descent. The mission remains the same, to promote minority enrollment, to deliver improved healthcare to the underserved, to help sustain mentally healthy environments for dental students, and to educate students of their social, moral, and ethical obligations.

The SNDA is a student chapter of the National Dental Association (NDA). The NDA is an organization comprised of dentists of the same backgrounds. Their organization promotes the philosophy that healthcare is a right and not a privilege. The two organizations have a strong relationship that greatly benefits the members of the SNDA.

At MCG, the SNDA's main concern is making sure that the adjustments needed to thrive in the dental school environment are made to foster the successful matriculation of our members through the four year program. Through study/help groups, open discussions, and social events, the members of SNDA support each other in maintaining good mental health and achieving academic success. The group also recognizes the need for awareness of good oral healthcare in the community. Through our "Impressions" recruitment program, Paine College mentorship programs and other volunteer services, the SNDA at MCG serves the mission of the national association and MCG's dental community.

Student National Medical Association

SNMA, founded and organized in 1964, is a non-profit corporate association of minority medical students with chapters throughout the United States. The MCG chapter was chartered to serve the fraternal needs of minority medical students; help produce high-quality health care team members armed with the knowledge and professional insight needed to practice medicine; and help produce medical professionals with the skills needed to provide quality health care, particularly to minority and

disadvantaged people. In addition, the MCG chapter has broadened its commitment to develop leaders who will impact health care nationally and internationally; stimulate an active awareness of social ills; and serve humanity by starting right here in Augusta.

Contact: [Thandeka Myeni](#)

Advisor: [Dr. Rosie Allen-Noble](#)

Student Nurses Association

(not yet registered for 2003-2004)

Members of the Student Nurses Association, a chapter of the Georgia Association of Nursing Students and the National Student Nurses Association, enhance career development and maximize their leadership potential at chapter, state and national levels through attendance at state and national conventions, involvement in community health projects, winning scholarships and awards, engaging in political and legislative advocacy and networking with professional nursing associations. Members enjoy many benefits of membership, including free SNA publications, special rates and discounts on products and services, NCLEX Reviews and information on developments in the nursing profession. By joining the SNA and becoming involved in SNA activities, members have a head start on their professional careers.

Student Occupational Therapy Association

(not yet registered for 2003-2004)

The MCG Student Occupational Therapy Association is affiliated with the Student Committee of the American Occupational Therapy Association, Inc. The association promotes interest in and knowledge of occupational therapy on the MCG campus and the community by engaging in a variety of activities. It also maintains communication with other occupational therapy students, faculty and organizations.

Student Union for Diversity

(not yet registered for 2003-2004)

The Student Union for Diversity, formerly the Black Student Medical Alliance, is a campus wide student organization to support and encourage diversity among MCG students and to provide sources of academic, social and community service involvement for MCG students. Membership is open to any current MCG student who ascribes to the organization's ideals.

SUD promotes diversity in educating health care professionals and delivering health care to serve the diverse needs of Georgia. SUD serves as a support system to its members to assure successful matriculation and graduation from MCG. Members participate in community outreach activities such as area health fairs and college and career day fairs.

Contact: [Maya Eady](#) or [Charles King](#)

Advisor: [Beverly Y. M. Tarver](#)

Surgery Interest Group

The Surgery Interest Group aims to increase the student's knowledge and understanding of surgery. At each monthly meeting, we invite a surgeon from a surgical specialty to lecture about his practice. During the hour-long meeting, the speaker shows slides, demonstrates procedures, discusses relevant cases and answers questions concerning matching, residency and what to expect as a surgeon. The meetings are open to all medical school students, especially freshmen and sophomores. Past topics have included plastics, trauma, pediatrics, GI, transplant, surgery oncology, a hands-on guide to suturing and basic concepts about operating room procedures and scrubbing. Membership is free and most communication is done via e-mail and posters. Feel free to drop by and attend any of our lectures.

Contact: [Jarrod Dumpe](#) or [Bryan Patonay](#)

Advisor: [Dr. Thomas R. Gadacz](#)

Young Democrats

MCG Young Democrats welcomes all students who are interested in being involved with the Democratic party. We are affiliated with the Young Democrats of Augusta, and our meetings are with that group. If you are interested, please email mcyd@yahoo.com for times and locations of upcoming meetings.

Contact: [Carrie Kelly](#)

[Information For Current Students](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:
David Wardlaw, dwardlaw@mail.mcg.edu



Selected Policies and Procedures

Annual Notice of Privacy Rights

This institution is covered by the Family Educational Rights and Privacy Act of 1974, designed to protect student rights regarding education records maintained by the institution. Under this act, students may inspect and review education records maintained by the institution that pertain to them; challenge the content of records on the grounds that they are inaccurate, misleading or a violation of privacy or other rights; and control disclosures from their education records with certain exceptions.

[Class Rings](#)

[Clery Act of 1990](#)

A written policy detailing how the Medical College of Georgia complies with the provisions of the act is on file and a copy can be obtained in the Registrar's Office. Students also may file complaints with the [Family Policy Compliance Office, U.S. Department of Education](#), Washington, D.C. 20202, regarding alleged violations of the act.

[Conduct of Research](#)

[Conflict of Interest](#)

Location of Records

The student records [listed in this table](#), maintained by the Medical College of Georgia, are accessible to student review except for financial records of parents, employment records, letters of recommendation received before Jan. 1, 1975 and recommendation letters to which the student has waived the right of access.

[Criminal Conviction Disclosure](#)

[Drug Abuse Policy Statement](#)

Specific details concerning those records--including names of individuals in charge of records, names of individuals with access to records and details of the type of records--are available to any student upon request by contacting the Office of the Vice President for Enrollment and Student Services.

[Financial Obligations of Students](#)

[Handicap-Disabilities-Learning Disorders Policy](#)

Students may request copies of materials from their registrar's file to be sent to other institutions, potential employers, etc. One copy of such material will be made available upon request at no charge to the student. MCG reserves the right to charge for additional copies at the same rate it costs to photocopy the material (at the time of printing this rate was 10 cents per page). Copies of transcripts available from other institutions will generally not be copied or sent. MCG records policy concerning destruction of records, where such policy exists, is:

[HIV/Acquired Immune Deficiency Syndrome \(AIDS\) Policy for Students](#)

[Immunization Policy](#)

1. Registrar non-academic records may be destroyed 10 years after last enrollment, with these exceptions: letters of recommendation and admissions interview reports--three years after first enrollment date; School of Medicine non-academic records--15 years after last enrollment. Biographical data may be kept in the alumni office after these time periods.

[Information Systems Security and Computer Usage Policy](#)

2. Housing and Residence Life office records are destroyed one year after last day in residence.

[Intellectual Property Policy](#)

[Jury Duty](#)

[Ownership and Retention of](#)

[Scholarly Research Records](#)

3. Financial aid records from the Financial Aid Office are destroyed seven years after graduation or after a federal audit.

[Participation of Students in Educational Experiences](#)

4. Data kept in a student's education record may be destroyed on or shortly after July 1 of each year as part of a legitimate effort to keep such material from accumulating. Such material will not be removed and destroyed unless: (a) it is no longer educationally justifiable to keep the material; (b) there is no intention to continue to accumulate such material in the future and the material is no longer maintained; (c) any students requesting access before July 1 each year have received such access.

[Requests to Report to an Administrative Officer](#)

[Right-to-Know Law Information Regarding Graduation Rate](#)

[Data](#)

Release of Information from Student Records

Information in student records are considered confidential and will not be released except as allowed by law and MCG policy. Students who want information from their records sent to prospective employers, other institutions, etc., must submit a signed request to the registrar authorizing such release. Information may be released from student records without student permission to: Medical College of Georgia administrative staff and faculty members with a legitimate educational interest in the records; officials of other educational institutions where the student desires to enroll; authorized representatives of the Board of Regents and chancellor of the University System of Georgia; certain governmental education authorities; authorized officials as necessary to comply with a lawful subpoena; officials to whom information must be released under state law in effect prior to Nov. 19, 1974; accrediting agencies performing their function; certain research organizations provided the information released is not used in such a manner that personal identification of the student or his family is a reasonable certainty; parents who claim the student as a dependent for income tax purposes; and persons as necessary to determine the student's eligibility for, amount or conditions of, or to enforce the terms and conditions of, financial aid for which the student has applied or received. Information from student records may also be released in a health or safety emergency.

[Smoke-Free Environment Policy Statement](#)

[Solicitation](#)

[Student Organization Registration Procedures](#)

[Use of Animals for Educational Purposes Policy Statement](#)

[Voter Registration](#)

Correction of Information in Student Records

When a student believes information in his education record is inaccurate, misleading or violates the privacy or other rights of the student, he may submit a written request for correction to the institutional official responsible for creating and maintaining the record. Such a written request must specify the information in question, state the revision requested, state the reasons the student disagrees with the entry in question and include (or have attached) any data or information that shows how the records should be revised. The official responsible to create and maintain the record will review the request and the appropriate records, and meet with the student if appropriate. The official will notify the student of the official's decision within 21 days after receiving the written request. A denial will become part of the contested portion of the record unless the student withdraws the request.

If the student is not satisfied with the decision of the individual responsible for the record, upon written request to the president of the Medical College of Georgia, the student will be granted a hearing using procedures specified in the Family Educational Rights and Privacy Act and the Medical College of Georgia policy available in the registrar's office.

The above procedure may be used to question the correctness of the recording of a grade but may not be used to contest the assignment of a grade.

Public Directory Information

The following information will be considered public directory information and may be released without student consent; however, a student may restrict the release of this information by annually notifying the registrar in writing by the last day of fall registration (or the initial registration if other than fall) that he does not want the information released.

Public directory information includes the student's name, identification picture, local and permanent address, telephone numbers, institutional e-mail address, major field of study, class (i.e., freshman through senior), date of birth, dates of attendance, MCG degrees and awards received and the most recent educational institution attended.

Information on the Official Academic Record

The official academic record (frequently referred to as the permanent record) is the data from which transcripts are made. It is the record of coursework attempted, including notations regarding academic achievement such as Dean's List, academic probation, academic dismissal, academic honors earned, suspensions, expulsions and official reprimands. All entries to the record are permanent except in cases in which a grade change alters the student's academic status or a factual error has been made.

Only grades earned when the student is registered for the courses through the Medical College of Georgia are included in the student's cumulative grade point average. Courses accepted for transfer from other institutions are recorded as hours earned only.

Records Withheld (Flagged)

In holding up a student's records, the Medical College of Georgia may deny the student the privilege of registering for a subsequent semester, securing transcripts or graduating.

A student's records may be withheld for non-payment of MCG bills. ([See the Financial Obligations of Students section below for more detailed information](#)).

Under certain circumstances a student may not register for a subsequent semester until he presents to the registrar evidence of having satisfied specific admissions or readmission requirements. In these instances, students are advised of the specific requirements to be met and from which office the necessary clearance may be obtained.

Withdrawal from the University

A student who wishes to withdraw should refer to the withdrawal policy at <http://www.mcg.edu/students/Registrar/pdf/StudentWithdrawalPolicy.pdf>.

A student who is not enrolled for three consecutive semesters will be administratively withdrawn from the university.

Required Withdrawal from the University

A student may be administratively withdrawn from the Medical College of Georgia

when the dean of the school determines that the student exhibits behavior which: (a) poses a significant danger or threat of physical harm to the student or to the person or property of others; (b) causes the student to interfere with the rights of other members of the university community or with the exercise of any proper activities or functions of the university or its personnel; (c) causes the student to be unable to meet institutional academic, disciplinary or other requirements for admission and continued enrollment, as defined in the student conduct code, MCG Catalog, Student Handbook and other publications of the university; or (d) casts doubt upon a student's character and/or on the potential capabilities as a health science or basic science professional. Prior to making a decision, the dean may consult with the student's parents and personal physician, if any, and other health professionals as appropriate.

Except in emergency situations, a student will, upon request, receive an appropriate hearing prior to final decision concerning his continued enrollment at the university. The applicable procedures will be determined by the nature of the activity or conduct involved. Disciplinary issues will be addressed in accordance with the requirements of the student conduct code and academic issues will be reviewed as required by applicable procedures for academic matters.

Refunds

Please refer to the refund policy at

http://www.mcg.edu/students/Tuition_and_fees/feesref.htm

Policy for Student Mailbox Assignments and Student Mailings

1. Official institutional information will be distributed to students via the GroupWise email system, announcements on the MCG home page and (infrequently) via hardcopy mailing to a physical mailbox. Students are encouraged to check their GroupWise email daily for important announcements and other pertinent information.

2. All full-time, regularly enrolled students on the Augusta campus are required to have an assigned physical mailbox on campus with the following exceptions:

a. Students in dental laboratory technology, who take much of their coursework off campus, will normally receive their mail through their departmental office.

b. Special students, transient students and other short-term students. Normally mail will go to their local addresses.

c. Students in off-campus satellite programs. Normally mail will go to their local address or to their coordinator.

d. Students who continue to enroll but have completed all

coursework on the Augusta campus. These students must contact the registrar's office for approval if they desire to relinquish their MCG box.

3. Any individual student in the preceding categories who wants a regular MCG box may be assigned one by the mailroom if space is available.

4. Students scheduled to take part of their academic or clinical program at a site remote from Augusta so that they are absent from Augusta for an extended period may have their mail forwarded. The student is responsible for providing the mailroom with the forwarding address. Only stamped mail sent to the MCG box will be forwarded unless the mail is from an MCG office and a specific request is made to the mailroom to forward the mail.

5. Departments that want to send mail to students will normally use the MCG box number for those students assigned a box. Sending mail to students at an off-campus address (local or permanent home) will be done only when students are on vacation or are at an off-campus site (see item 3).

[back to the section index](#)

Class Rings

Class rings are selected and designed by the individual schools under the jurisdiction of the respective deans.

Clery Act of 1990

Conduct of Research

It is the policy of the Medical College of Georgia to maintain the highest ethical standards and integrity in conducting research and in the publication of research results carried out by its faculty, students and staff.

In the event of an alleged instance of research misconduct, there will be a prompt and thorough investigation utilizing existing MCG procedures including appropriate due process (see MCG Faculty Manual--"Rules and Procedures for Research Ethics"). Misconduct in research is defined to include the following acts:

- Fabrication, falsification, or plagiarism in proposing, performing, or reviewing research, or in reporting research results. Fabrication is manipulating research materials, equipment, or processes, or changing or omitting data or results such that the research is not accurately represented in the research record. Plagiarism is the appropriation of another person's ideas, processes, results or words without giving appropriate credit, including those obtained through confidential review of others' research proposals and manuscripts. Research misconduct does not include honest error or honest differences of opinion.
- Violation of the Medical College of Georgia Policy on the Conduct of Research. This includes the failure to obtain proper review and approval by the responsible university committees for research involving human subjects

(i.e. [Human Assurance Committee](#)), animal subjects (i.e. [Committee on Animal Use in Research and Education](#)) radioactive materials (i.e. Radiation Safety Committee), chemical hazards (i.e. Institutional Chemical Committee), or biohazards (i.e. Institutional Biosafety Committee); and failure to follow the rules and guidelines established by these committees.

- Condoning of fraud in research or violations of university research policy. This includes failure on the part of a member of the university to notify university authorities if it becomes obvious that misconduct in research has occurred, and failure to cooperate in an investigation under these procedures.

Sanctions invoked against individuals found guilty of research misconduct may range from an informal reprimand to dismissal, depending on the severity of the offense. If such misconduct involves the integrity of publications, the appropriate editorial body will be notified. If extramural agencies are involved in the research, they will be notified as appropriate.

Consult your faculty adviser for additional information or the MCG web site <http://www.mcg.edu/faculty/facman/policies3.html>.

Conflict of Interest

To ensure the integrity and objectivity of research and other scholarly activities, the Medical College of Georgia has adopted a conflict-of-interest policy. The policy is applicable to any person at MCG responsible for designing, conducting or reporting research or scholarly activities funded or proposed for funding by a sponsor. Copies of the policy may be obtained from the legal advisor, the vice president for research, the director of Student Affairs or the MCG web site

<http://www.mcg.edu/research/policy/coipol.html>.

Criminal Conviction Disclosure

Students are continually required to disclose in writing to their dean and/or the director of Student Affairs criminal convictions occurring since completing the application for admission. (Pre-application for admission criminal record disclosure is required on the application for admission.) Criminal convictions include adjudication of guilt by a judge or jury for any crime. This does not include minor traffic offenses, but it does include "no contest" pleas, first-offender treatment, convictions under appeal and convictions which have since been pardoned. Minor traffic offenses are those which do not involve driving while under the influence of alcohol and other drugs, which did not result in imprisonment and for which a fine of less than \$250 was imposed. Disclosures should be made within 30 days of conviction.

[back to the section index](#)

Drug Abuse Policy Statement

The following statement of policy is designated to emphasize, in fairness to all members of the university community, the possible repercussions of the illicit use of drugs or alcohol. In addition to the policies of MCG and the Board of Regents concerning abuse of drugs and alcohol, numerous and serious sanctions are imposed under state and federal laws regarding the unlawful possession, distribution or use of illicit drugs and alcohol.

The use of illegal drugs such as marijuana, cocaine and LSD carries serious penalties. Under Georgia law, mere possession of an illegal drug may constitute a

felony and could result in serious monetary fines, as well as imprisonment for 20 years or more. Similarly, the unauthorized use of legal, prescription drugs may constitute a felony and also carries serious penalties.

Georgia law may impose serious sanctions for drug-related crimes, including loss of or ineligibility for a professional license, or employment with any state agency. In addition, MCG will suspend or expel any student convicted of a drug-related felony, effective the date of the conviction.

While not an illegal drug per se, alcohol may also be abused and may result in criminal penalties. Persons convicted of operating a motor vehicle while under the influence of alcohol may lose their drivers' license, receive substantial fines or go to prison.

It is the policy of the Medical College of Georgia that students committing criminal acts on or off campus will be treated as citizens of the community. Clearly, MCG cannot protect members of its community--including faculty, staff and students--who commit criminal offenses. This applies to drug-related crimes as well.

It should not be inferred from the statements above that MCG is indifferent about what happens to members of its community; rather we have a deep concern for those who violate the law, which is why we have included this statement.

The following represents criminal and civil sanctions for drug offenders:

State of Georgia

1. "Controlled Substances" This broad category of illegal substance is defined in Drug schedules I-V, Official Code of Georgia Annotated (O.C.G.A.), Sections 16-13-25 to 16-13-29.1, including a long list of chemical compounds, opiates, hallucinogens, derivatives, isomers and other materials. The State Board of Pharmacy may add new materials to the list as required.

2. "Dangerous Drugs" This is an even broader category of illegal substance and is defined in O.C.G.A. 16-13-71, describing hundreds of chemicals and other compounds. The Georgia General Assembly may add drugs to the list as required.

3. Criminal Punishment

a. *"First offender" treatment for mere possession of minor amounts of a controlled substance or dangerous drug.* A person never before convicted of possession of a small amount of the above material may, at the judge's sole discretion, be afforded first-offender treatment, resulting in no entry of a plea of guilty and no record of any conviction, if the defendant successfully completes a court-monitored comprehensive rehabilitative program (O.C.G.A. 16-13-2(a)).

b. *Possession of one ounce or less of marijuana.* Imprisonment for 12 months or less and/or a fine not to exceed \$1,000, or "public works"

(community services) not to exceed 12 months (O.C.G.A. 16-13-2(b)).

c. Possession, manufacture or distribution of controlled substances.

This is punishable by confinement of up to 30 years in prison and fines of up to \$1 million, depending on the schedule sequence of the controlled substance involved, as well as the amount (See O.C.G.A. Section 16-13-30 and Section 16-13-31). The manufacture, distribution or possession with intent to distribute any controlled substance or marijuana within 1,000 feet of an elementary or secondary school, park, playground, recreation center, housing project or drug-free commercial zone can result in up to 40 years in prison with a fine of up to \$40,000 (See O.C.G.A. Section 16-13-32.4, 16-13-32.5 and 16-13-32.6). A detailed chart outlining the state penalties for crimes involving various controlled substances is available in the Student Affairs office.

Federal Criminal and Civil Sanctions

Title 21, United States Code, Sections 841-860, describe prohibited acts, criminal penalties and civil and criminal forfeiture provisions established by Congress, covering 28 pages of text.

Title 21, U.S.C. 812, contains five schedules of "controlled substances." Schedule I describes certain opiates; Schedule II contains opium, cocaine and other addictive substances; Schedule III lists amphetamine, phencyclidine (PCP) and other like matter; Schedule IV involves barbiturates; Section V concerns codeine and atropine sulfate, among other preparations. The U. S. Attorney General is authorized to add items to the schedules.

Manufacturing or distributing various controlled substances, depending on their schedule sequence and the amount of substance involved, is punishable by confinement ranging from five to 40 years and fines from \$2 million to \$10 million (Section 841 of Title 21). The numerous permutations on these criminal punishment provisions cover 28 pages in the criminal code.

The penalties for "simple possession" of illegal drugs ranges from one to 20 years, depending on the substance schedule, amount possessed and number of convictions (Title 21, 844).

Section 860a, Distribution or manufacturing in or near schools and colleges. The distribution, manufacture or possession with intent to distribute a controlled substance is punishable by twice the sanction provided in 841(b) (10 to 80 years, depending on schedule and amount), where such offense was performed on or within 1,000 feet of a college or university.

[back to the section index](#)

Financial Obligations of Students

Students must meet all financial obligations during registration for classes. The payment of fees and incurred charges is an integral part of the registration process; registration is not complete until financial obligations are met. Students who receive and accept an official offer of financial aid prior to registration may authorize the

crediting of aid toward institutional charges.

During the academic semester, fines or fees may be charged to a student. These charges must be cleared promptly upon notification from the business office. All uncollected charges must be cleared during registration for the next academic period.

A student delinquent in his financial obligations to the university may not register for the next term, transfer his credits to another school or graduate from MCG.

Handicap-Disabilities-Learning Disorders Policy

In accordance with Section 504 of the Rehabilitation Act of 1973 and The [Americans With Disabilities Act](#), it is the policy of the Medical College of Georgia to ensure that all students with disabilities are afforded equal opportunity and access to programs and facilities. Students are encouraged to identify their disability so MCG can determine what reasonable accommodation may be made. *Please contact the director of Student Affairs to self-identify.*

Students who believe they have been discriminated against based on a disability should refer to [Appendix D](#) for the university's procedures of remedies.

The Medical College of Georgia adheres to a policy of equal educational opportunities for all students with learning disorders.

The University System of Georgia has adopted eligibility criteria to identify students who demonstrate specific learning disorders. If a student meets the legal criteria for learning disorders, an institution is required to make reasonable accommodations. The term "accommodation" is a deliberately flexible standard to incorporate different types of learning disorders. What may be a reasonable accommodation for one individual may not be for another, due to such factors as severity and type of learning disorder. The appropriateness of accommodations for each case must be evaluated on its own facts and merits (Americans with Disabilities Act, 1990). Types of accommodations requested by students demonstrating specific learning disorders may include, but are not limited to, the granting of additional time for completion of course work; granting additional time for examinations; adding auxiliary aids, such as taped books or readers; tutoring; or other institutional support. A student given accommodations by the institution must meet the technical standards of the program in which the student has been accepted or is enrolled.

At the Medical College of Georgia determining eligibility for services and appropriate accommodations is the decision of the Provost. It is not a decision to be determined by individual faculty, a department or a school.

To learn more about the eligibility procedures, please see the Director of Student Affairs.

HIV/Acquired Immune Deficiency Syndrome (AIDS) Policy for Students

This general policy recognizes the diversity of the academic and clinical requirements of the various schools and departments. Specific information regarding particular programs may be secured from the appropriate department and /or dean. In general however, all students should be aware that:

- The curricula will incorporate the basic principles of infection control and prevention. It is the responsibility of each student to be knowledgeable of such principles and strictly adhere to the universal precautions presented.
- Any student with patient-care responsibilities who knows or has reason to believe that he has human immunodeficiency virus (HIV) infection is required to immediately report this information to the Medical College of Georgia hospital epidemiologist in accordance with hospital policy and to his dean. Failure on the part of the student to report a known HIV infection may result in disciplinary action, up to and including dismissal.
- Suspected HIV exposure by students of the Medical College of Georgia, or by students sponsored through a program of the Medical College of Georgia, during the course of their assigned duties should be reported immediately by the student to his clinical supervisor in accordance with the policies of the hospitals in which he has assigned duties. Students participating in clinical activities at the Medical College of Georgia Hospital and Clinics are subject to its policies on HIV infection ([MCG Hospital and Clinics Policy and Procedure A.3.0. through A.3.4](#)).
- The Medical College of Georgia will carefully conform to state and federal laws regarding discrimination toward students with HIV infection. All information pertaining to the condition and /or clinical assignment of a student with known or potential HIV infection or AIDS will be considered confidential information.

Additional information and counseling about AIDS and related issues (i.e. educational, financial, career implications) may be obtained from the Student Health Center or Hospital Epidemiology.

[back to the section index](#)

Immunization Policy

Purpose

To protect MCG students from certain contagious diseases and to ensure compliance with Board of Regents policy.

Policy

The specific minimum immunization requirements are established by the Board of Regents policy, which is periodically reviewed and modified. The Board of Regents policy allows the Medical College of Georgia to enhance these requirements, with the concurrence of the chancellor of the University System of Georgia. MCG's specific immunization requirements are also periodically reviewed and modified. With the concurrence of the president and chancellor, individual schools may require additional immunizations.

All entering MCG students must provide the MCG Student Health Service with sufficient evidence that they are fully immunized or have proof of immunity with seriological titer against mumps, rubella (German measles), rubeola (red measles), polio, tetanus, diphtheria, hepatitis B and varicella (chicken pox). Students are also required to have had a tuberculin test (PPD) within three months prior to first enrollment at MCG and annually thereafter. An immunization card can be obtained at Student Health that will serve as official documentation that the student is fully

immunized.

Exceptions

1. The director of Student Health may grant exceptions for individual students in cases where, in the director's judgment, sufficient grounds based on medical or religious reasons exist to exempt the student.
2. In cases in which compliance with this policy prior to first enrollment is not feasible for the enrolling student, such as a late accepted student, the director of Student Health may grant up to a one-month extension for the student to comply. Students granted an extension may register provisionally, and will be disenrolled if in non-compliance after provisional date.

Definitions, Procedures and Responsibility

1. As evidence of compliance with this policy the entering student must provide the Student Health Service (or other designated office) with an authorized immunization record (either a copy of the record or a statement signed by a public health official or private physician) prior to first enrollment at MCG.
2. For the immunization to be current the student must have been immunized for mumps, rubeola, rubella, polio and had a tetanus diphtheria booster within nine years of the first enrollment date. Additionally, students should have received three hepatitis B vaccinations and proof of immunity with a positive hepatitis surface antibody titer, preferably drawn 6-8 weeks after the third injection. The student must also show proof of immunity to varicella (chicken pox) with documentation of two doses of vaccine, proof of history of disease or a positive varicella titer. Many rotations will request a liter despite history of the disease.
3. Clearance to enroll from the Student Health Service must be received in the registrar's office by the first enrollment date or the entering student may not register.
4. The Student Health Service will provide each admissions office with clear procedures for entering students to follow to comply with this policy. These materials will be provided as early as possible each year, but not later than three months prior to enrollment.
5. All entering students will be sent the procedures for complying with this policy by their admissions office, if possible in ample time for the student to comply with the policy before enrollment. Admissions offices will also provide the Student Health Service with the names of accepted students, as far in advance of their registration date as possible.
6. Students disenrolled under the provisions of paragraph 2 (see Exceptions) will receive a full refund of tuition and fees, less any outstanding debts owed the university, and subject to meeting the requirements of any agreements, regulations or laws regarding financial aid.

Appeals

Accepted students who are not permitted to enroll or are disenrolled under the provision of this policy may appeal the decision to the president of the Medical College of Georgia. The president's decision will be final as far as the university is concerned.

Information Systems Security and Computer Usage Policy

The appropriate use and protection of all information systems and associated resources is expected from all users including faculty, students, employees and visitors throughout the institution. "Appropriate use" of information systems resources is defined as use which is for the purpose of furthering the mission of MCG.

All users of information systems resources are expected to comply with existing MCG Policies and Procedures and those of the University System. In addition, users are expected to honor copyrights and software licenses and comply with all federal and state laws including those prohibiting slander, libel, harassment and obscenity. Users must obey laws prohibiting the private use of state property. Information that is confidential by law, including educational and medical records must be protected.

Users must be aware that information stored or transmitted electronically (or via computer), including e-mail, may be subject to disclosure under open record laws. Users should have no expectation of privacy for information stored or transmitted using MCG information resources except for records or other information that is confidential by law (i.e., medical and educational records).

Information systems resources are to be used as expressly authorized by MCG administration and management.

The information systems user is responsible for the proper use and protection of resources.

For the entire policy text, please see the MCG Administrative [Policy 2.4.06](#).

[back to the section index](#)

Intellectual Property Policy

The Medical College of Georgia has an intellectual property policy required of all institutions by the Board of Regents. This policy applies to all inventions, copyrightable works, computer software and other intellectual property created by MCG students. Copies of the policy may be obtained from the legal advisor, the vice president for research or the director of Student Affairs or the MCG web site <http://www.mcg.edu/Faculty/FacMan/policies4.html>.

Jury Duty

Students lawfully summoned for jury duty are excused from attending classes, but must coordinate their absence(s) and make-up work with their school's appropriate associate dean and individual faculty members.

Ownership and Retention of Scholarly Research Records

The ownership and responsibility for retaining scholarly/research records generated by Medical College of Georgia faculty, staff and students is an issue of increasing

importance. Georgia state law contains specific requirements for state agencies, such as MCG, to maintain and produce records generated by its personnel (see, e.g., O.C.G.A. 50-18-70 et seq.). Additionally, federal laws and regulations governing federally funded research mandate awardee institutions to retain original records and to provide them upon request (see, 42 C.F.R. sec. 50.102 and 45 C.F.R. Part 74, Subpart D). This policy on ownership and retention of records has been adopted to provide guidance for MCG faculty, postgraduate trainees, students and employees concerning the ownership and retention of scholarly/research records generated by them during the course of their employment or enrollment. The complete policy can be found on the MCG web site <http://www.mcg.edu/Faculty/FacMan/policies3.html>.

Participation of Students in Educational Experiences

The Medical College of Georgia is committed to presenting an exemplary educational experience for all its students. In meeting this goal, the components of each course of instruction and of each educational program are carefully selected for content and suitability. Students who anticipate problems in carrying out any part of their curriculum because of moral, religious or other reasons must consult with the appropriate program or course director prior to enrolling. Each problem will be carefully considered in an attempt to resolve the difficulty in a manner consistent with MCG's educational standards. However, the institution is not obligated to provide alternative educational experiences or to waive required parts of its courses or programs.

Requests to Report to an Administrative Officer

A student requested to report to an administrative officer should do so promptly. If the request to report at a specific date conflicts with a student's schedule, notification of class absence for the student will be issued by the administrator who makes the request.

Right-to-Know Law Information Regarding Graduation Rate Data

Any student or prospective student may receive graduation rate data regarding prior students upon request. The information would include the graduation rates based on the beginning year at MCG. Overall graduation rates may also be provided, though not required. To receive this information, contact the MCG Office of Institutional Research via mail or phone (706) 721-2703.

Smoke-Free Environment Policy Statement

The Medical College of Georgia, as the health sciences university of the state of Georgia, is committed to promoting a healthy environment for all Georgia citizens including students and employees of the Medical College of Georgia. Since January 1990, the Medical College of Georgia has been a "smoke-free" institution. The use of tobacco products by any person in an MCG building or vehicle is prohibited. Provided certain conditions are met, exceptions to this policy may be granted for long-term patients of the Georgia War Veterans Nursing Home and patients whose physician prescribes "smoking privileges" which are properly documented in the patient's chart.

Solicitation

The Board of Regents policy concerning solicitation is: Institutions of the university system may not permit the operation of privately operated business enterprises on their campuses. All business enterprises operated on a campus of an institution of the University System of Georgia will be operated as auxiliary enterprises and will be under the direct management, control and supervision of the chief business officer of the institution.

Additionally, solicitation and/or selling to students is not allowed under any circumstances on the MCG campus or within any of the campus buildings without written approval in advance by the director of student development.

Any student organization wishing to raise funds on or off campus must have approval in advance by the director of Student Affairs.

[back to the section index](#)

Student Organization Registration Procedures

The Student Government Association and other student organizations are independent associations. They are not agents or representatives of the Medical College of Georgia and are in no way authorized or empowered to enter into any agreement, contract or understanding on behalf of MCG. Any provision or understanding that purports to bind the Medical College of Georgia is null and void.

In accordance with the Medical College of Georgia's policies and procedures governing the use of facilities, student organizations desiring to use university facilities for their activities and meetings must be registered by the institution on an annual basis. Student organization registration forms are available in the Student Affairs office in the Student Center.

Use of Animals for Educational Purposes Policy Statement

The Medical College of Georgia uses experimental animals for educational purposes only when the educational value of the exercise requires their inclusion and when alternative procedures are not suitable to meet the teaching objective. All federal, state and local laws regarding the humane use of animals are carefully followed.

Voter Registration

Students may register to vote at the Registrar's Office prior to 30 days in advance of an election as required by Georgia law.

[Information For Current Students](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:
David Wardlaw, dwardlaw@mail.mcg.edu

December 01, 2003

Majors and Degrees (Click on the degree name for information about that program)

Major Field of Study	4-year Degrees	Certificates	Graduate Degrees	First-professional Degrees
Cell Biology and Anatomy			M.S. Ph.D.	
Biochemistry and Molecular Biology			M.S. Ph.D.	
Dental Hygiene	B.S.		M.H.E. M.S.	
Dentistry				D.M.D.
Medical Illustration			M.S.I.L.	
Health Information Management	B.S.	Certificate	M.H.E. M.S.	
Medical Technology	B.S.	Advanced	M.H.E. M.S.	
Medicine			M.D./Ph.D.	M.D.
Molecular Medicine and Genetics			Ph.D.	
Nursing	B.S.N.		M.N. M.S.N. Ph.D.	
Occupational Therapy			M.H.S. M.H.E. M.S.	
Oral Biology			M.S.O.B. Ph.D.	
Pharmacology and Toxicology			M.S. Ph.D.	
Physical Therapy			M.H.E. M.P.T. M.S.	
Physician Assistant	B.S.		M.H.E. M.S.	
Physiology			M.S. Ph.D.	
Radiologic Sciences	B.S.R.S.	Certificate	M.H.E. M.S.	
Respiratory Therapy	B.S.		M.H.E. M.S.	
Vascular Biology			Ph.D.	

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May 24, 2004

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

School of Graduate Studies

- [School of Graduate Studies Home Page](#)
- [Masters Programs](#)
Program descriptions, admission requirements and procedures, academic and graduation policies, and contacts for more information.
- [Doctoral Programs](#)
Program descriptions, admission requirements and procedures, academic and graduation policies, and contacts for more information.
- [Course Descriptions](#)
- [Academic Calendars](#)
- [School of Graduate Studies Faculty](#)

[Catalog 2003-2004](#) | [Medical College of Georgia](#)

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Please email comments, suggestions or questions to:
Admissions, underadm@mcg.edu

November 05, 2003

[Faculty & Staff](#)

[Institutional Faculty List](#)

[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)

[Frequently Asked](#)

[Questions](#)

[Application Procedures](#)

Graduate Degree

Program Application:

[Deadlines](#)

[Procedures](#)

[Doctoral Programs](#)

[Masters Programs](#)

[Faculty Governance](#)

[Research @ MCG](#)

[Research Seminars](#)

MCG Undergraduate Research Programs

[STAR Programs](#)

(Biomedical Research
Opportunities for
Undergraduate Students)

[Graduate Research Day](#)

(GRD)

[Student Information](#)

[Graduate Student](#)

[Organization](#)

(GSO)

Masters Programs

ALLIED HEALTH

- [Master of Health Education \(M.H.E.\)**](#)
[Master of Science \(M.S.\)](#)
- [Medical Illustration](#) M.S.

[Physical Therapy \(MPT\)](#)

The Physical Therapy master's degree is now part of the School of Allied Health Sciences.

For further information regarding the MPT program please contact:

Douglas Keskula, PhD, PT, ATC

Associate Professor and Chairman

Department of Physical Therapy, CH-100

Medical College of Georgia

Augusta, GA 30912-0800

Phone:(706)721-2141 Fax:(706)721-3209

dkeskula@mail.mcg.edu.

** Bachelor's degree and evidence of current Georgia licensure in the respective field (or eligibility for such licensure) required.

BIOMEDICAL SCIENCES

- [Oral Biology](#) (requires concurrent acceptance in School of Dentistry or professional degree)

[Applications for Admission to Graduate Degree Programs](#)

NURSING

Master of Science in Nursing (M.S.N.)**

- [Adult Nursing](#)

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

- [Community Health Nursing](#)
 - [Mental Health/Psychiatric Nursing](#)
 - [Parent/Child Nursing](#)
-

Master of Nursing (M.N.)**

- [Nursing Anesthesia](#)
- [Nurse Practitioner](#)

[R.N. to M.N./M.S.N. Program](#)
[C.R.N.A. to Master of Nursing](#)

** Bachelor's degree and evidence of current Georgia licensure in the respective field (or eligibility for such licensure) required.

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April 21, 2004

[Faculty & Staff](#)
[Institutional Faculty List](#)
[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)
[Frequently Asked Questions](#)

[Application Procedures](#)

Graduate Degree
 Program Application:

[Deadlines](#)

[Procedures](#)

[Doctoral Programs](#)

[Masters Programs](#)

[Faculty Governance](#)

[Research @ MCG](#)

[Research Seminars](#)

MCG Undergraduate Research Programs

STAR Programs

(Biomedical Research
 Opportunities for
 Undergraduate Students)

[Graduate Research Day](#)
 (GRD)

[Student Information](#)

[Graduate Student
 Organization](#)
 (GSO)

School of Allied Health Sciences

Master of Health Education Degree Program

This is an educational degree program for allied health and related health professionals. The program is interdisciplinary and prepares individuals for careers as academic or clinical educators and more highly skilled practitioners.

The objectives are to prepare:

Educators with mastery of advanced content, and a grounding in the philosophy, theory and methods of higher education;

Teachers who demonstrate knowledge and understanding of the teaching-learning process and skill with a variety of instructional methods;

Designers and evaluators of alternative methods and materials for instruction; and

Leaders who can help plan, design and deliver quality professional education in the academic and clinical environments.

Requirements for Admission

1. A completed application demonstrating at least a baccalaureate degree from an accredited program in the allied health or related health discipline and professional credentials (or eligibility for) in the field.
2. Three letters of recommendation.
3. Graduate Record Examination scores of 1000 (combined verbal and quantitative).
4. The Test of English as a Foreign language (TOEFL) is required of all foreign applicants (excluding English speaking countries), minimum acceptable score is 550 paper-based or 213 computer-based.
5. Additional discipline-specific requirements may be stipulated by the individual program.

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

Graduation Requirements

- Completion of 36 semester hours with the following minimum requirements
 - Education Core: 13 - 15 semester hours
 - Research Tools and Methods: 4 - 6 semester hours
 - Thesis Research: - 4 semester hours
or Project Research: 3 - 4 semester hours
 - Interdisciplinary/disciplinary Studies: 11 - 16 hours

Residence

A minimum of 30 semester hours toward the MHE degree must be earned in courses taught by MCG.

Program of Study

A course work proposal which has been approved by the advisory committee, the department chair and the dean.

Fulfillment of additional program requirements.

An overall grade point average of 2.8.

[Allied Health Home Page](#)

[Applications for Admission](#)

[Medical College of Georgia](#)

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Gretchen Caughman, gcaughma@mail.mcg.edu

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April 21, 2004

[Faculty & Staff](#)
[Institutional Faculty List](#)
[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)
[Frequently Asked Questions](#)

[Application Procedures](#)

Graduate Degree
 Program Application:
[Deadlines](#)
[Procedures](#)

[Doctoral Programs](#)
[Masters Programs](#)
[Faculty Governance](#)
[Research @ MCG](#)
[Research Seminars](#)

MCG Undergraduate Research Programs

[STAR Programs](#)

(Biomedical Research Opportunities for Undergraduate Students)

[Graduate Research Day \(GRD\)](#)

[Student Information](#)

[Graduate Student Organization \(GSO\)](#)

Medical Illustration Master of Science

The Master of Science in Medical Illustration Program is one of only five such programs in the nation. The two-year program is accredited by the Association of Medical Illustrators and the American Medical Association's Commission on Accreditation of Allied Health Education Programs.

Intensive illustration courses are supplemented with graduate science courses with medical students. Illustration courses cover pen and ink, monochromatic tone media, water color, air-brush and mixed media. The use of the computer in medical illustration is taught in the first and second year. An elective course in three-dimensional models and prosthetics is available during the second year.

Anatomical and surgical illustration for publication and projection is emphasized. Second-year students spend two semesters observing and sketching in the operating room. Student assignments offer practical experience with traditional media for print applications as well as motion and electronic media.

Program Goals

- To refine students' expertise in various artistic media
- To provide the scientific foundation necessary to prepare illustrations in a medical setting
- To teach students to visually problem-solve and to establish and meet objectives
- To offer extensive practical experience in medical illustration

Career Opportunities

- Medical illustration for medical schools, large medical centers, hospitals and specialty clinics in single-artist departments or large production units
- Medical illustration for advertising agencies, medical publishers and pharmaceutical companies
- Medical illustration for attorneys who need art to demonstrate evidence in legal cases
- Entrepreneurship in medical illustration

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

Admission Requirements

- Baccalaureate degree from an accredited college or university
- Advanced ability in drawing the human figure from observation
- Sound draftsmanship in rendering from direct observation, including expression of contour, proportion, perspective, form, light and shadow, tonal values and surface textural detail
- Accurate interpretation of color in realistic still-life studies
- A combined GRE score of 1000 (sum of verbal and quantitative)
- Personal interview and portfolio review with the department faculty (by invitation after approval of preliminary application)
- Completion of the following prerequisite courses:
 1. Comparative vertebrate anatomy or vertebrate morphology with student dissections of a mammal
 2. Human physiology
 3. Life drawing from the nude model through advanced-level courses
 4. Advanced courses in realistic drawing and/or painting from observation
 5. Basic photography (including camera and darkroom experience)
 6. Introduction to computers and computer graphics, or demonstrated proficiency through work experience. Computer graphic experience should include knowledge of both raster and vector programs (i.e., Adobe Photoshop, Adobe Illustrator).
- **Also strongly recommended:**
 1. Science: Histology, embryology, invertebrate anatomy, cell biology
 2. Art: Basic design, color theory, graphic design, sculpture, perspective
- Personal interview and portfolio review with the department faculty (by invitation after approval of preliminary application)
- GRE score of 1000 or higher (sum of verbal and quantitative)
- TOEFL score of at least 550 paper-based or 213 computer-based, if applicable.

For more information, contact Steven J. Harrison, Chairman of the Department of Medical Illustration, at (706) 721-3266 or email: medart@mail.mcg.edu.

Each year the senior class of Medical Illustration students create a [departmental web site](#) to promote the graduate program and showcase some of their finest artwork. This site contains further information about the admission requirements and the application process.

[Applications for Admission to Graduate Degree Programs](#)

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April 21, 2004

[Faculty & Staff](#)[Institutional Faculty List](#)[MCG General Information](#)[Graduate Oath](#)[Speakers Bureau](#)[Frequently Asked](#)[Questions](#)[Application Procedures](#)

Graduate Degree

Program Application:

[Deadlines](#)[Procedures](#)[Doctoral Programs](#)[Masters Programs](#)[Faculty Governance](#)[Research @ MCG](#)[Research Seminars](#)

MCG Undergraduate Research Programs

[STAR Programs](#)

(Biomedical Research
Opportunities for
Undergraduate Students)

[Graduate Research Day](#)

(GRD)

[Student Information](#)[Graduate Student](#)[Organization](#)

(GSO)

Doctoral Programs

Ph.D. in Biomedical Sciences

First-year students are admitted via a common admissions process to Ph.D. programs in biomedical sciences at MCG. After completing [first-year core](#) course-work and laboratory rotations, students enter one of the following:

- [Biochemistry](#)
- [Cellular Biology and Anatomy](#)
- [Molecular Medicine](#)
- [Pharmacology](#)
- [Physiology](#)
- [Oral Biology](#) (requires concurrent acceptance in School of Dentistry or professional degree)
- [Vascular Biology](#)

[M.D./Ph.D.](#) (requires concurrent acceptance in School of Medicine)

[Ph.D. in Nursing](#)

[Applications for Admission to Graduate Degree Programs](#)

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

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April 07, 2004

[Faculty & Staff](#)
[Institutional Faculty List](#)
[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)
[Frequently Asked Questions](#)

[Application Procedures](#)

Graduate Degree
Program Application:
[Deadlines](#)
[Procedures](#)

[Doctoral Programs](#)
[Masters Programs](#)
[Faculty Governance](#)
[Research @ MCG](#)
[Research Seminars](#)

MCG Undergraduate Research Programs

[STAR Programs](#)

(Biomedical Research Opportunities for Undergraduate Students)

[Graduate Research Day \(GRD\)](#)

[Student Information](#)

[Graduate Student Organization \(GSO\)](#)

Biochemistry and Molecular Biology

This Ph.D. program trains students for academic or industrial research and teaching careers. The department offers strong faculty with diverse expertise and a supportive, inspiring environment. Career opportunities are excellent; most students obtain additional postdoctoral training at other institutions after earning their Ph.D., and some go directly to research or teaching positions.

The Ph.D. program lasts approximately five years. Areas of strength are molecular and biochemical genetics, signal transduction, membrane transport, structure/function of macromolecules and vision biochemistry. Financial aid is available for most students.

First-year Ph.D. students are admitted to the Ph.D. program in the Biomedical Sciences at MCG. After completing first year interdisciplinary core coursework and performing several laboratory rotations, they choose a research mentor and enter the Ph.D. program in which the faculty member has an appointment. Upon entering the Ph.D. program in Biochemistry and Molecular Biology, core courses are supplemented with advanced courses tailored to students' educational needs. Student workshops enhance oral communication skills and the ability to critically evaluate research data. In seminar courses, faculty and visiting scientists present their research. Ph.D. students must pass two departmental qualifying examinations. A research advisory committee chaired by the student's faculty advisor monitors the student's progress. Students are encouraged to present their work periodically in departmental seminars and at regional and national scientific meetings.

MCG's Carl T. Sanders Research and Education Building, which houses the department, has well-furnished laboratories for individual research projects. The building also houses the Molecular Biology Core Facility, the Imaging Core Facility, a machine and electronics shop, animal care facilities and other basic sciences departments. Its modern instrumentation includes an oligonucleotide synthesizer; PCR facilities for oligonucleotide amplification; preparative ultracentrifuges; chromatographic, HPLC and electrophoresis equipment; a fluorescent spectrophotometer; and gamma and liquid scintillation counters. Additional research facilities are available for cell and tissue culture research, transgenic animal studies, Cesium irradiation, flow cytometry, electron microscopy and central computing.

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

Admission Requirements to the Ph.D. program in Biomedical Sciences:

- A minimum of a bachelor's degree with a major in science.
- A combined GRE score of at least 1000 (sum of verbal and quantitative)
- Three letters of recommendation.
- Research experience is desirable

Additional requirements for International Students:

- A minimum TOEFL score of 550 paper-based or 213 computer-based, if applicable.
- Two official transcripts from each college or university attended.

Transcripts must be verified by an approved transcript evaluation service. Contact the Academic Admissions Office for information. Documentation of personal funds.

To receive full consideration for admission and stipend support, completed applications must be received in the Office of Academic Admissions no later than February 1.

For More Information Please Contact

Dr. Darren Browning

Graduate Program Director

Telephone: (706) 721-0272

Fax: (706) 721-6608

E-mail: dbrowning@mail.mcg.edu or

visit our web site at <http://www.mcg.edu/bmb/>

[Applications for Admission to Graduate Degree Programs](#)

[Medical College of Georgia](#)

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Gretchen Caughman, gcaughma@mail.mcg.edu

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May 10, 2004

[Faculty & Staff](#)
[Institutional Faculty List](#)
[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)
[Frequently Asked Questions](#)
[Application Procedures](#)

Graduate Degree
 Program Application:
[Deadlines](#)
[Procedures](#)

[Doctoral Programs](#)
[Masters Programs](#)
[Faculty Governance](#)
[Research @ MCG](#)
[Research Seminars](#)

**MCG Undergraduate
 Research Programs**

[STAR Programs](#)
 (Biomedical Research
 Opportunities for
 Undergraduate Students)

[Graduate Research Day](#)
 (GRD)

[Student Information](#)

**[Graduate Student
 Organization](#)**
 (GSO)

Cellular Biology and Anatomy

This graduate program provides training in the broad areas of developmental biology, cell biology and neuroscience. Ph.D. students learn state-of-the-art research techniques and modern approaches to fundamental biomedical questions while developing a sound knowledge of relevant classical disciplines of anatomy such as histology, embryology, neuroscience or gross anatomy. In the first term, a special course introduces students to each faculty member's research. Laboratory rotations and basic science courses of general research relevance are emphasized the first year. In the second year, additional courses are chosen by the student and his thesis advisor. The third and following years are devoted entirely to thesis research. The Ph.D. program usually takes four to five years to complete.

Program Goals

- To provide training in the broad areas of developmental biology, cell biology and neuroscience
- To teach state-of-the-art research techniques and modern approaches to fundamental biomedical questions
- To impart a sound foundation in relevant classical disciplines of anatomy

Career Opportunities

- Research/teaching in a medical school
- Research/teaching in a clinical science department
- Research/teaching in a health science professional school
- Research in private, government or industrial research laboratories or foundations

Admission Requirements

- A combined GRE score of at least 1000 (sum of verbal and quantitative)
- Three letters of recommendation
- A minimum TOEFL score of 550 paper-based or 213 computer-based, if applicable
- Two official transcripts from each college or university attended

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

For more information, call (706) 721-3731 or email: dsickles@mail.mcg.edu or visit our web site at <http://www.mcg.edu/som/cba/>

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April 21, 2004

[Faculty & Staff](#)
[Institutional Faculty List](#)
[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)
[Frequently Asked Questions](#)

[Application Procedures](#)

Graduate Degree
 Program Application:
[Deadlines](#)
[Procedures](#)

[Doctoral Programs](#)
[Masters Programs](#)
[Faculty Governance](#)
[Research @ MCG](#)
[Research Seminars](#)

MCG Undergraduate Research Programs

[STAR Programs](#)

(Biomedical Research Opportunities for Undergraduate Students)

[Graduate Research Day \(GRD\)](#)

[Student Information](#)

[Graduate Student Organization \(GSO\)](#)

Molecular Medicine Doctor of Philosophy

This graduate program combines the resources of basic science and clinical medicine for an interdisciplinary approach to molecular medicine. It is designed to prepare students for careers in biomedical research and requires approximately five years of full-time study, including course work, examinations and dissertation research.

The program is based in MCG's [Institute of Molecular Medicine and Genetics](#), directed by Dr. Robert K. Yu, Professor and Eminent Scholar in Neurobiology. The institute includes more than 40 faculty drawn from clinical and basic science departments. All are committed to using molecular approaches to solve disease-related problems.

The opportunity to participate in the institute's research programs is a central aspect of the Molecular Medicine Graduate Program. All students complete a Ph.D. dissertation based on original research. The institute's research programs are organized in five programmatic areas:

Developmental Neurobiology

Led by **Dr. Robert K. Yu**, Professor and Eminent Scholar. Research focuses on developmental neurobiology, including the chemistry and biology of neural stem cells and progenitor cells, glial and neuronal cell differentiation and proliferation. Considerable effort is also placed on mechanisms of neuro-degenerative disorders and neural regeneration and repair, as well as neuro-oncology.

Gene Regulation

Led by **Dr. William S. Dynan**, Professor and Eminent Scholar in Molecular Biology. Research focuses on basic regulatory processes in the cell nucleus including transcription, recombination, and the response to heat and radiation damage. Work has applications to cancer, immunology, and rheumatic disease.

Molecular Immunology

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

Led by **Dr. Andrew Mellor**, Professor and GRA Eminent Scholar in Immunogenetics, the research program comprises 8 faculty with NIH funded laboratories. Research focuses on the role of T lymphocytes, dendritic cells and macrophages in regulating immune and stress responses using a variety of mouse models including genetically manipulated transgenic and gene-knockout mice. Applications of new knowledge gained include cancer, autoimmune disorders (type I diabetes, arthritis, MS, SLE), tissue graft rejection, infectious diseases and pregnancy. Program faculty invite prominent external speakers to MCG and staff meet regularly to discuss scientific issues and to discuss recently published research papers.

Synapses & Cell Signaling

Led by **Dr. Kristen Harris**, Professor and Eminent Scholar Research interests of the Synapses and Cell Signaling faculty focus on the structure, function, and plasticity of synapses in the central nervous system. Others in cell signaling investigate cellular and molecular mechanisms of plasma membrane wound repair and prevention; the intracellular signaling mechanisms involved in the regulation of gastric acid secretion and associated membrane trafficking events in the gastric parietal cell; the relationship between nutrition and bone metabolism; the role of lipid signals in various cellular processes including skin formation/function and hormone secretion; the roles of protein kinase C targeting and catalytic mechanisms in heart failure and cardiac protection; and the cellular and molecular biological aspects of breast cancer using cell culture and animal models.

For a detailed description of current faculty research and references to recent publications, visit our web site at www.mcg.edu/gradmm/gradprog.htm

All first-year students take the School of Graduate Studies core course sequence, designed to teach students to think critically about biological systems at all levels of organization; molecular, cellular, the organ system and the whole organism. First-year students also participate in a structured introduction to modern laboratory methods through individualized instruction in at least three research laboratories. (See the [common admissions](#) website for details.) After the first year, students participate in elective courses and in molecular medicine

seminar courses. A Ph.D. comprehensive examination is given in two parts, at the end of the first year and in the middle of the second year.

Most of the program's training takes place in MCG's Interdisciplinary Research Building, offering state-of-the-art mechanical design, a high-speed computer network and specialized research equipment. There are extensive facilities to generate and house genetically modified animals (mice and zebrafish) and access to molecular biology, imaging, and core facilities.

Admission Requirements

- Bachelor's degree in relevant discipline
- Transcripts of all post-secondary education
- A combined GRE score of 1000 (sum of verbal and quantitative)
- Three letters of recommendation
- Foreign applicants' transcripts must be reviewed by an approved evaluation service

For the 1999-2000 entering class, the average GRE score (sum of verbal and quantitative) was 1175 and the average undergraduate grade point average was 3.72. Some students had master of science degrees and all had research experience, which is strongly encouraged. Research experience may include undergraduate research and summer research work experiences after graduation. Applicants should describe their research experiences and interests in the personal statement accompanying the application. In the Fall of 2000, the School of Graduate Studies implemented a [common admissions](#) process for all biomedical sciences Ph.D. programs.

The program strongly encourages applications from members of under-represented minority groups and seeks to provide financial support for all students. The availability of financial support frees students to concentrate on their research and course work. In past years, all admitted students have been offered a stipend (\$19,000 in 2002-2003) and tuition is paid by department or faculty, not by student. We seek to provide continuous stipend support for each student for five years, contingent on satisfactory academic progress and the availability of funds. Stipends are funded by the School of Graduate Studies, research grants and other sources.

To receive full consideration for admission and financial support, submit applications by **January 15**.

Late applications are considered on a space-available basis.

In addition to regular applicants, the program welcomes participants in the [University System of Georgia M.D./Ph.D.](#) program. Students interested in the M.D./Ph.D. program should apply to that program directly. A separate application to the molecular medicine Ph.D. program is not necessary.

Contact Information

For more information about the Molecular Medicine Ph.D. Program you can contact **Becky Click** at (706) 721-6306, fax (706) 721-8727 or email gradprogram@immag.mcg.edu or contact **Dr. Wendy Bollag**, Director of the Molecular Medicine Ph.D. Program, at (706) 721-0698 or email wbollag@mail.mcg.edu

[Applications for Admission to Graduate Degree Programs](#)

[Medical College of Georgia](#)

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April 21, 2004

[Faculty & Staff](#)
[Institutional Faculty List](#)
[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)
[Frequently Asked Questions](#)
[Application Procedures](#)

Graduate Degree
Program Application:
[Deadlines](#)
[Procedures](#)

[Doctoral Programs](#)
[Masters Programs](#)
[Faculty Governance](#)
[Research @ MCG](#)
[Research Seminars](#)

MCG Undergraduate Research Programs

[STAR Programs](#)
(Biomedical Research
Opportunities for
Undergraduate Students)

[Graduate Research Day](#)
(GRD)

[Student Information](#)

[Graduate Student
Organization](#)
(GSO)

Pharmacology and Toxicology

INTRODUCTION

Pharmacology is a wide-ranging discipline encompassing chemistry, molecular and cellular biology, physiology and behavior. The Graduate Program in Pharmacology and Toxicology is designed to prepare students for careers in academic research and in the pharmaceutical and biotechnology industries. The Department of Pharmacology and Toxicology has a rich history of accomplishments in fundamental research, including the discovery of the alpha and beta adrenergic receptor subtypes mediating the actions of catecholamines by Dr. Raymond P. Ahlquist. At this time the Department has 9 full-time primary faculty and a large number of postdoctoral fellows. For the Academic year 2002-2003, there are 11 students enrolled in the Graduate Program in Pharmacology and Toxicology.

THE PhD PROGRAM

Students are admitted to a common biomedical sciences graduate program and take a core course in functional cell and systems biology during their first year. Students also rotate through several laboratories to gain experience and familiarity with individual laboratories and research areas. Students may rotate in any laboratory on the MCG campus. At the beginning of the second year students choose a major advisor and begin their dissertation research. Students entering the pharmacology and toxicology graduate program are required to take coursework and electives related to pharmacology, and once a year all students give a seminar on their research. Courses of study are designed by the student's advisor and thesis committee to meet the needs of individual students. Student are eligible to receive stipend support (\$19,000 for the 2002-2003 academic year) and greatly reduced tuition. Currently there are 22 students enrolled in the common biomedical sciences graduate program for the 2002-2003 academic year. Some of these students will choose to continue their program in the pharmacology and toxicology field.

Admission Requirements:

Students must have a B.S. or B.A. degree, a GRE score (sum of verbal and quantitative) of 1000. Applicants from overseas will also be required to submit TOEFL scores and provide a transcript evaluation. Research experience is strongly encouraged.

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

[Applications for Admission to Graduate Degree Programs](#)

FACULTY

Our faculty apply a wide array of modern techniques to questions relating to cardiovascular function and the nervous system. Detailed descriptions of individual faculty research programs can be found on the Department's faculty web page:

<http://www.mcg.edu/som/PhmTox/faculty.html>

RESEARCH IN PHARMACOLOGY AND TOXICOLOGY

Neuroscience Research

Faculty research interests include receptor-associated proteins, cell signaling via G protein-coupled receptors, protein kinases and ion channels, and cognitive function in aged primates. Disease processes studied include schizophrenia, drug addiction and Alzheimer's disease.

Cardiovascular Research

Faculty conduct research on physiological and pathophysiological mechanisms of cardiovascular and pulmonary functions. Our researchers seek a basic understanding of cardiomyocyte cell signaling and endothelial/smooth muscle cellular interactions. Disease processes studied include hypertension, heart failure, cardiomyopathy, pulmonary hypertension and respiratory distress syndrome.

For More Information Please Contact

Nevin Lambert, Ph.D.

Program Director

(706) 721-6336 or

email: nlambert@mail.mcg.edu or

visit our web site www.mcg.edu/SOM/phmtox/index.html

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April 21, 2004

[Faculty & Staff](#)
[Institutional Faculty List](#)
[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)
[Frequently Asked](#)

[Questions](#)
[Application Procedures](#)

Graduate Degree
 Program Application:
[Deadlines](#)
[Procedures](#)

[Doctoral Programs](#)
[Masters Programs](#)
[Faculty Governance](#)
[Research @ MCG](#)
[Research Seminars](#)

**MCG Undergraduate
 Research Programs**

[STAR Programs](#)

(Biomedical Research
 Opportunities for
 Undergraduate Students)

[Graduate Research Day](#)
 (GRD)

[Student Information](#)

[Graduate Student
 Organization](#)
 (GSO)

Physiology

The Medical College of Georgia Department of Physiology prepares qualified students for careers as research scientists and college teachers in this discipline. The department offers a Ph.D. degree in the physiological sciences, and students accepted into medical school may pursue a combined M.D./Ph.D. degree.

Students interested in the Ph.D. program in Physiology will apply for admission to the Biomedical Sciences graduate program in the School of Graduate Studies. All students admitted into that program, whether interested in physiology or another of the basic medical sciences, are admitted via a common admissions process. During the first year of graduate study, students will take [core courses](#), be introduced to the research programs of the graduate faculty, and perform several laboratory rotations with faculty members of their choosing before selecting a mentor.

We emphasize an integrative approach to physiology, with expertise in molecular, cellular, and organismal research methods. Upper level [courses offered by the physiology faculty](#) include:

Cardiovascular Physiology and Pharmacology, Physiomics and Pharmacogenomics, Molecular Motors, Advanced Neural and Endocrine Systems.

Our students attain a solid education in the facts, concepts and trends of their field, acquire excellent training in state-of-the-art scientific methods and learn to use sophisticated scientific instrumentation. Students also gain expertise in the latest computer programs and library tools. They participate in an active journal club and seminar program featuring prominent guest speakers. Students are encouraged to attend regional and national meetings where they present their research and interact with leading scientists in their field.

[Our faculty](#) are nationally known for producing well-trained, highly educated scientists who are sought after by other institutions. After completing the program, our graduates typically accept postdoctoral positions at reputable universities and laboratories where they further develop their research skills and establish their credentials as research scientists.

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

Successful applicants to our program typically have a solid undergraduate background in the biological sciences with a grade point average of 3.2 or higher and a combined verbal and quantitative GRE score of 1000 or higher. Prior experience in a research laboratory is desirable but not required.

For more information, contact Dr. Michael W. Brands, Department of Physiology, Medical College of Georgia, Augusta, GA 30912. Phone: (706) 721-9785 Fax: (706) 721-7299. Email: mbrands@mail.mcg.edu or visit [our web site](#).

[Applications for Admission to Graduate Degree Programs](#)

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April 21, 2004

[Faculty & Staff](#)
[Institutional Faculty List](#)
[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)
[Frequently Asked Questions](#)
[Application Procedures](#)

Graduate Degree
 Program Application:
[Deadlines](#)
[Procedures](#)

[Doctoral Programs](#)
[Masters Programs](#)
[Faculty Governance](#)
[Research @ MCG](#)
[Research Seminars](#)

MCG Undergraduate Research Programs

[STAR Programs](#)
 (Biomedical Research Opportunities for Undergraduate Students)

[Graduate Research Day](#)
 (GRD)

[Student Information](#)

[Graduate Student Organization](#)
 (GSO)

Oral Biology and Maxillofacial Pathology

The Department of Oral Biology and Maxillofacial Pathology offers master of science and doctoral degrees. The program strives to provide:

- original research opportunities applying the scientific method and
- graduate-level didactic instruction in the basic sciences applicable to diagnosing and treating dental patients

The instruction is designed to enhance the understanding of clinical courses presented in the program's residency programs.

The didactic courses and research experiences in these graduate programs are directed toward the development of an understanding of the basic science rationale for clinical treatment. In the core curriculum, departmental faculty with a background in either anatomy, biochemistry, physiology, pharmacology, pathology or microbiology address various basic science aspects related to: hard tissue biology; salivary gland function; temporomandibular joint disorders; molecular pathology; pain and anxiety management; medically compromised patients; hemostasis and bleeding disorders; orofacial infections; orofacial anomalies; and regeneration and repair of orofacial tissues.

Program Goals

- Provide original research opportunities that require the application of the scientific method
- Graduate-level didactic instruction in the basic sciences applicable to diagnosing and treating dental patients

Career Opportunities

- Research/teaching position in a clinical science and/or basic science department of a health science professional school

Admission Requirements

- D.D.S., D.M.D. or equivalent degree
- GPA of 3.0 or higher

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

- GRE score of 1000 or higher (sum of verbal and quantitative) for Ph.D.; 900 or higher for M.S.*
- A minimum TOEFL score of 550 paper-based or 213 computer-based, if applicable
- Three letters of recommendation

Combined M.S./D.M.D. and Ph.D./D.M.D. programs require admission to the School of Dentistry as a dental student. At the end of the second year of dental school, the student begins a three-year (Ph.D.) or two-year (M.S.) course of study working toward the graduate degree requirements. The student then re-enters the dental school to complete the D.M.D. degree requirements.

* For the M.S. degree on average score of 80% on Parts I and II of the Dental National Boards can be used instead of the GRE score.

For more information call (706) 721-2526 or email gradadm@mail.mcg.edu

[Applications for Admission to Graduate Degree Programs](#)

[Medical College of Georgia](#)

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April 21, 2004

[Faculty & Staff](#)
[Institutional Faculty List](#)
[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)
[Frequently Asked Questions](#)
[Application Procedures](#)

Graduate Degree
Program Application:
[Deadlines](#)
[Procedures](#)

[Doctoral Programs](#)
[Masters Programs](#)
[Faculty Governance](#)
[Research @ MCG](#)
[Research Seminars](#)

MCG Undergraduate Research Programs

[STAR Programs](#)

(Biomedical Research Opportunities for Undergraduate Students)

[Graduate Research Day \(GRD\)](#)

[Student Information](#)

[Graduate Student Organization \(GSO\)](#)

Vascular Biology

The principal objective of the Vascular Biology graduate program is to provide high quality training to students in this area so they can assume leadership roles in the changing world of twenty-first century biomedical research. This newly created program takes advantage of the strength of research on the MCG campus in the area of cardiovascular science and medicine. The program is designed to prepare students for a variety of career options in biomedical research and education that includes academic, pharmaceutical and biotechnology fields. The program requires approximately 5 years of full-time study, including basic and advanced course work, seminars, examinations and dissertation research.

Vascular Biology is an emerging field concerned with understanding vascular function at the molecular, cellular, organ and whole body level and with designing tools for diagnosis, treatment, and prevention of vascular diseases. The Medical College of Georgia has established the Vascular Biology Center as a focal point for research emphasis. By virtue of its interdisciplinary nature, the Vascular Biology program provides the student with a diverse range of cutting edge technologies at all levels. Students can explore the latest approaches in genomics, bioinformatics, physiomics, and biotelemetry that are integrated with traditional physiology, pharmacology, and pathophysiology.

The Vascular Biology Center was established in 1995. The Center faculty currently includes 7 full-time core members whose newly renovated laboratories are located in over 19,000 square feet of space on the third floor of the Sanders Research & Education Building. Students can choose to do their dissertation research in the laboratory of one of the core faculty or with one of over 20 associate members who also hold graduate faculty status.

Research conducted in the laboratories of Center faculty represents a unique integration of molecular and cell biology with organ level, whole animal and clinical studies. Center faculty have appointments in a variety of both clinical and basic science departments including Medicine, Anesthesiology, Pediatrics, Surgery, Physiology, Pharmacology & Toxicology, Biochemistry & Molecular Biology and Cell Biology & Anatomy. Detailed descriptions of individual faculty research programs can be found on the Center's faculty webpages: <http://www.mcg.edu/centers/VBC/index.html>

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

All first-year students take the School of Graduate Studies core course sequence, Functional Cell Biology and Functional Systems Biology, designed to teach students to think critically about biological systems at all levels. Also included in the first year is an Introduction to Faculty Research course designed to inform the students of their options for dissertation research laboratories. Students are then required to work in three different laboratories anywhere on the MCG campus for one-half of a semester to gain experience and familiarity with individual laboratories and research areas.

At the beginning of the second year students choose a major advisor and begin their dissertation research. Students entering the Vascular Biology graduate program are required to take coursework and electives related to Vascular Biology, and once a year, all students give a seminar on their research. Courses of study are designed by the student's advisor and thesis committee to meet the needs of individual students. Students are eligible to receive stipend support (\$18,000 for the 2000-2001 academic year) and greatly reduced tuition.

Admission Requirements

Students must have a B.S. or B.A. degree, a minimum GRE score (sum of verbal and quantitative) of 1000. Applicants from overseas will also be required to submit TOEFL scores and provide a transcript evaluation. Research experience is strongly encouraged. For more information, call Jennifer S. Pollock, Ph.D., program director at (706) 721-8514 or email: jpollock@mail.mcg.edu.

[Applications for Admission to Graduate Degree Programs](#)

[Medical College of Georgia](#)

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April 07, 2004

Medical College of Georgia

[School of Graduate Studies](#)[A-Z Index](#) | [MCG Home](#) | [Site Search](#)[Faculty & Staff](#)[Institutional Faculty List](#)[MCG General Information](#)[Graduate Oath](#)[Speakers Bureau](#)[Frequently Asked](#)[Questions](#)[Application Procedures](#)

Graduate Degree

Program Application:

[Deadlines](#)[Procedures](#)[Doctoral Programs](#)[Masters Programs](#)[Faculty Governance](#)[Research @ MCG](#)[Research Seminars](#)

MCG Undergraduate Research Programs

[STAR Programs](#)

(Biomedical Research
Opportunities for
Undergraduate Students)

[Graduate Research Day](#)

(GRD)

[Student Information](#)

[Graduate Student](#)

[Organization](#)

(GSO)

Ph.D. in Biomedical Sciences

[First Year Core Curriculum](#)

[How to Apply](#)

The core curriculum will provide the student with the basic information needed to begin a career in:

[Biochemistry & Molecular Biology](#)[Cellular Biology & Anatomy](#)[Molecular Medicine & Genetics](#)[Pharmacology & Toxicology](#)[Physiology](#)[Vascular Biology](#)[Oral Biology](#)

Molecular biology has fueled the tremendous explosion of new information regarding the fundamental mechanisms of cellular function over the past 20-30 years. We are now at a cross-roads where students will be challenged to apply this knowledge to the understanding of organ-system biology in order to advance our knowledge of human health and disease. Therefore, the Medical College of Georgia instituted a common admissions and curriculum for graduate study in the biomedical sciences for the first year students in the Fall of 2000. This program provides the student with the broad-based knowledge and experience needed for a successful career as a biomedical scientist. [*Student News Release*](#)

The core curriculum provides the student with the basic information needed to begin a career in the biomedical sciences. Teaching focuses on the student's understanding of basic biological principles and knowledge required for advanced elective courses provided by participating programs in later years. This program teaches students the principles of experimental design and hypothesis testing, how to survey and evaluate the biomedical literature, research communications, and fundamental methods of research. The students are introduced to the principles and practice of scientific method emphasizing contemporary research topics and innovative technologies.

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

In their first year, students complete two-semester of core courses that integrates basic science principles at all levels. The course includes a combination of lectures and interactive seminars which focuses on contemporary research topics by reference to the biomedical research literature. In addition, students learn about the wide variety of research activities being conducted by the graduate faculty which allows them to complete three, hands-on laboratory rotations. At the end of their first year, students then choose the specific program of study in which they desire to earn the Ph.D. degree and complete additional requirements.

SUMMARY OF THE FIRST-YEAR CORE CURRICULUM 2003 - 2004

Fall Semester: ([descriptions of courses](#))

- [SGS8021 Biochemistry and Gene Regulation](#)
Four one-hour lectures per week
MTWT (10:00 - 11:00 am)
Two hour conference every other week; F, 8:30-10:30am
- [SGS8022 Molecular Cell Biology](#)
Four, one-hour lectures per week
MTWT (8:30 - 9:30 am)
Two hour conference every other week: F 8:30-10:30am
- [SGS8011 Responsible Conduct of Research](#)
One, one-hour lectures per week
W (11:00 am - 12:00 pm)
- [SGS8040 Introduction to Faculty Research](#)
(first half of the semester only)
Three, two-hour sessions per week
WTF (2:00 - 4:00 pm)
- [SGS8050 Introduction to Research I](#)
(second half of the semester only)
10-20 hr/week working in the laboratory of a graduate faculty member

Spring Semester: ([description of courses](#))

- [SGS 8033 Integrated Systems Biology](#)
(first half of the semester only)
Two hours per day, 5 days per week MTWTF (8:30 – 10:30 am)
6-8 hours of lecture and
2-4 hours of laboratory or conference each week

- [**SGS 8034 Neuroscience**](#)
(3 weeks mid-way in the semester)
Two hours per day, 5 days per week
MTWTF (8:30 – 10:30 am)
6-8 hours of lecture and
2-4 hours of laboratory or conference each week
- [**SGS 8035 Immunology and Microbiology**](#)
(last three weeks of the semester only)
Two hours per day, 5 days per week
MTWTF (8:30 – 10:30 am)
6-8 hours of lecture and
2-4 hours of laboratory or conference each week
- [**SGS 8012 Scientific Communication**](#)
One, one-hour lecture per week
W (11:00 – 12:00 pm)
- [**SGS 8060 Introduction to Research II**](#)
(two rotations divided evenly over the term)
10-20 hr/week working in the laboratory of a graduate faculty member

****To receive a free informational CD-ROM and/or video highlighting our biomedical sciences graduate programs and research at MCG, please e-mail Bridget Gaines at bgaines@mail.mcg.edu.****

[Applications for Admission to Graduate Degree Programs](#)

April 21, 2004

[Faculty & Staff](#)
[Institutional Faculty List](#)
[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)
[Frequently Asked Questions](#)
[Application Procedures](#)

Graduate Degree
 Program Application:
[Deadlines](#)
[Procedures](#)

[Doctoral Programs](#)
[Masters Programs](#)
[Faculty Governance](#)
[Research @ MCG](#)
[Research Seminars](#)

MCG Undergraduate Research Programs

[STAR Programs](#)

(Biomedical Research
 Opportunities for
 Undergraduate Students)

[Graduate Research Day](#)
 (GRD)

[Student Information](#)

[Graduate Student
 Organization](#)
 (GSO)

Nursing Doctor of Philosophy

This program in nursing prepares researchers who will develop and apply knowledge in nursing. Doctorally prepared nurses contribute to an improved quality of teaching, research, practice and a published body of knowledge in nursing science. The program is based on the belief that professional nursing has a unique role and body of knowledge that can be expanded, applied and validated through recognized methods of scholarly inquiry. Inquiry involves increasing the depth and breadth of nursing knowledge-based disciplines.

Program Goals

- To prepare students to conduct nursing research
- To prepare students to develop theory for nursing science and practice
- To cultivate leadership strategies appropriate for ethical, political, sociocultural and economic issues influencing health, the health care system and nursing

Career Opportunities

- College-level education and research
- College-level administration
- Industry-based research

Admission Requirements

- GRE score of 1000 or higher (sum of verbal and quantitative)
- Bachelor of science degree in nursing and/or master of science degree in nursing from an N.L.N.- accredited program with a GPA of 3.2 or higher on a 4.0 scale
- Official transcripts of all post-secondary academic study
- Current Georgia nurse licensure
- Submission of goals or statement of interest in doctoral study
- Submission of an original paper reflecting research ability
- Curriculum vitae
- Personal interview with faculty
- Three letters of recommendation
- TOEFL of 550 paper-based or 213 computer-based or higher, if

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

applicable. Graduates of foreign nursing programs must have transcripts and application materials evaluated by the Commission on Graduates of Foreign Nursing Schools.

For more information, call (706) 721-4710, visit [our web site](#) or email gradadm@mail.mcg.edu

[Applications for Admission to Graduate Degree Programs](#)

[Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Gretchen Caughman, gcaughma@mail.mcg.edu

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April 21, 2004



School of Graduate Studies

Administration

Dean Graduate Studies

Dr. Matthew J. Kluger

Director Undergraduate
Research Programs

Dr. Patricia L. Cameron

Associate Dean

Dr. Gretchen B. Caughman

Assistant Dean Recruitment and
Admissions

Dr. Patricia L. Cameron

[Alphabetical List](#)

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[Senior Administration](#)

[Directors](#)

[Schools](#)

[Administrative Units](#)

[Special Professorships](#)

[Search for Faculty](#)

[Update Your Record](#)

[Help](#)

Faculty

[All](#)

[Primary Rank](#)

[Clinical/Adjunct](#)

[Administrative](#)

[Joint Rank](#)

[Emeritus](#)

Departments

[Administration](#)

[Graduate Studies](#)

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Department of Dental Hygiene

- [Department of Dental Hygiene Home Page](#)
- [Admission Requirements](#)
- [Estimated Fees and Expenses](#)
- [Undergraduate Curriculum](#)
- [Academic Policies](#)
- [Master of Health Education and Master of Science](#)
- [Course Descriptions](#)

[Catalog 2003-2004](#) | [Medical College of Georgia](#)

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October 23, 2003

Medical College of Georgia

[Catalog](#) | [A-Z Index](#) | [MCG Home](#)

[Allied Health Sciences](#) | [Department of Dental Hygiene](#)

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, estimated expenses specific to dental hygiene are shown below. These figures are based upon the normal experience of our students. In some cases, costs may be higher.

	First Year	Second Year
Books and supplies	\$750	\$350
Instruments/equipment	834	556
Uniforms	200	50
Liability insurance	15	15
National Board Exam		140
Southern regional testing		
Georgia State Board and Georgia		550
Jurisprudence Exams		25
Georgia Dental Hygiene License		50
Application Fee		
Other (travel, graduation, etc.)	120	80
Total	\$1,919	\$ 1,816

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June 27, 2002

Medical College of Georgia

[Catalog](#) | [A-Z Index](#) | [MCG Home](#)

[Allied Health Sciences](#) | [Department of Dental Hygiene](#)

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Curriculum

Junior Year

Credit Hours

Fall

DHY 3130	Clinic I	5
DHY 3110	Theory and Practice I	3
DHY 3120	Dental Anatomy	2
AHS 3610	Ethics for Health Professionals	1
ANMD 3140	Oral Anatomy and Physiology	4
Semester Total		15

Spring

DHY 3200	Clinic II	4
DHY 3210	Theory and Practice II	3
RADD 3290	Dental Radiology	2
BCMD 3250	Biological Chemistry and Microbiology	4
PER 3260	Periodontics	1
OBI 3133	Nutrition	1
Semester Total		15

Summer

DHY 4300	Patient Care I	3
DHY 4310	Seminar I	2
DHY 4320	Research Design and Critical Thinking	3
DHY 4420	Dental Materials	2
DHY 4440	Community Health	2
Semester Total		12

Fall

DHY 4400	Patient Care II	4
DHY 4411	Seminar II	3
PHM 4430	Pharmacology	3
RADD 4490	Radiologic Technique I	1
DHY 4450	Dental Specialty Clinic I	1
PATH 4330	Pathology	3
Semester Total		15

Spring

DHY 4500	Patient Care III	4
DHY 4510	Seminar III	2
RADD 4590	Radiologic Technique II	1
OMD 4520	Oral Medicine	2
PER 4570	Periodontal Seminar	2
DHY 4550	Dental Specialty Clinic II	1
DHY 4540	Practice Administration	2
DHY 4560	DH Practicum	2
	Semester Total	16
	PROGRAM TOTAL	73

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Catalog 2003-2004

[Course Descriptions](#)**Additional Links:**[Research](#)[Library](#)[Faculty](#)

Student Evaluation

The Student Evaluation Committee

The Student Evaluation Committee monitors the academic progress of dental hygiene students. At midterm, the end of each semester, and at any other time deemed appropriate, the Student Evaluation Committee reviews and evaluates each student's clinical and didactic performance. For each student whose GPA reflects academic difficulty at the end of a semester, the committee recommends one of the following to the chairman of the DADS:

1. continued enrollment as a regular student, special student or student on academic probation;
2. repetition of course work or a portion of the curriculum in any deficient areas, as appropriate; or
3. dismissal.

Failing Grades

When a student fails a course, the course must be repeated. However, only those students who have demonstrated satisfactory attendance and academic/clinical efforts as defined at the beginning of the course by the course director may repeat a course. Students may be required to repeat an entire course, selected courses, a complete academic year or withdraw from the program.

Special Students

Any student who, as a result of academic deficiencies, is required to study in an altered curriculum (e.g., more courses, fewer courses or different courses than the student's class would normally be taking) will be considered a special student. All F and D grades must be repeated.

Academic Probation

Any student whose GPA for any semester is below 2.0 (on a 4.0 scale) or whose cumulative MCG GPA is below 2.0 at the end of the semester will be on academic probation subject to

the provisions of the following dismissal policies.

Academic Dismissal

A. Automatic academic dismissals

1. Dismissal will occur if a student:

- a. Receives a failing grade in all academic courses in any semester in which the student attempts more than one academic course;
- b. Fails to achieve and maintain at least a 1.80 cumulative GPA for all resident work after 30 hours and a 2.0 for all resident work at the end of any academic year thereafter;
- c. Fails to achieve a semester GPA of at least 2.0 in the semester immediately following his/her placement on probation;
- d. Fails a required course twice.

Any student dismissed for academic reasons and seeking to be readmitted may reapply for the next regular admission date following standard application procedures.

Where circumstances warrant, a student dismissed under the provisions of this policy may be reinstated as a student on probation upon written authorization of the dean and subject to conditions of continuation established by the dean at the time of reinstatement.

Students dismissed under the provisions of the automatic academic dismissal policy may appeal to the dean. The dean may uphold the dismissal or reinstate the student as a regular student, or a special student on an altered curriculum, or as a student on academic probation. The dean's decision is final for the School of Allied Health Sciences.

Any first-year student subject to dismissal under the provisions of the automatic dismissal policy may petition the Student Evaluation Committee to repeat the first year of the curriculum during the next regularly scheduled academic year. The Student Evaluation Committee will recommend to the DADS chairman whether the student should be allowed to repeat the

first year. The chairman's recommendation will be communicated to the dean.

B. Other conditions for dismissal

1. Any student on academic probation may be considered by the Student Evaluation Committee for dismissal.

Students being considered for dismissal under the provisions of Section B.1., above, have the right to a hearing before the Student Evaluation Committee prior to a final recommendation. The dean may rescind, alter or uphold the recommendation. The dean's decision is final for the School of Allied Health Sciences.

Appeal of Dismissal

Any student may appeal a dismissal decision to the dean of the School of Allied Health Sciences. The dean's decision may be appealed to the president in accordance with MCG policy (see [Student Handbook](#)).

Readmission

Students dismissed from the Department of Associated Dental Sciences may apply for admission to the next regularly scheduled entering class by submitting the standard application for admission and following normal admissions procedures.

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June 27, 2002

[Faculty & Staff](#)
[Institutional Faculty List](#)
[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)
[Frequently Asked Questions](#)

[Application Procedures](#)

Graduate Degree
 Program Application:
[Deadlines](#)
[Procedures](#)

[Doctoral Programs](#)
[Masters Programs](#)
[Faculty Governance](#)
[Research @ MCG](#)
[Research Seminars](#)

MCG Undergraduate Research Programs

[STAR Programs](#)

(Biomedical Research Opportunities for Undergraduate Students)

[Graduate Research Day](#)
 (GRD)

[Student Information](#)

[Graduate Student Organization](#)
 (GSO)

School of Allied Health Sciences

Master of Science Degree Program

This is an interdisciplinary research degree program for allied health professionals. The program is interdisciplinary, research-oriented and requires the completion of a thesis.

Program Objectives

The objectives are to prepare:

Specialized clinical practitioners with advanced knowledge and skills in related basic and clinical sciences;

Researchers who can formulate questions, organize and test ideas and examine information from the basic and clinical sciences to apply to their disciplines;

Educators with mastery of advanced content, and a grounding in the philosophy, theory and methods of higher education; and

Leaders who can help plan, develop and deliver cost-effective, quality health care services.

Admission Requirements

1. A completed application demonstrating at least a baccalaureate degree from an accredited program in the allied health or related health discipline and professional credentials (or eligibility for) in the field.
2. Three letters of recommendation.
3. Graduate Record Examination scores of 1000 (combined verbal and quantitative). The Test of English as a Foreign language (TOEFL) is required of all foreign applicants (excluding English speaking countries), minimum acceptable score is 550 paper-based or 213 computer-based.
4. Additional discipline-specific requirements may be stipulated by the discipline department.

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

Graduation Requirements

- Completion of a minimum of 36 semester hours with the following minimum requirements:
 - Basic Science Core: 7 semester hours
 - Research Tools and Methods: 7 semester hours
 - Thesis Research - 4 semester hours
 - Interdisciplinary/disciplinary Studies: 18 semester hours.

Residence

A minimum of 30 semester hours toward the MS degree must be earned in courses taught by MCG.

Program of Study

A course work proposal which has been approved by the advisory committee, the department chair and the dean.

Fulfillment of additional program requirements.

An overall grade point average of 2.8.

Medical Illustration (M.S.)

This program provides education in the anatomical sciences and training in the creation of artwork and other visual presentations for use in a variety of applications including publications (books, journals, brochures, advertisements), slides, computer graphics, television, demonstrative evidence for the courtroom, prosthetics and three-dimensional models. Emphasis is on developing skills as a visual problem-solver, interpreting information to make it clear, accurate and understandable for its intended audience.

[Allied Health Home Page](#)

[Applications for Admission](#)

[Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Gretchen Caughman, gcaughma@mail.mcg.edu

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April 21, 2004

[Faculty & Staff](#)
[Institutional Faculty List](#)
[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)
[Frequently Asked Questions](#)
[Application Procedures](#)

Graduate Degree
 Program Application:

[Deadlines](#)

[Procedures](#)

[Doctoral Programs](#)
[Masters Programs](#)
[Faculty Governance](#)
[Research @ MCG](#)
[Research Seminars](#)

MCG Undergraduate Research Programs

STAR Programs

(Biomedical Research
 Opportunities for
 Undergraduate Students)

[Graduate Research Day](#)
 (GRD)

[Student Information](#)

[Graduate Student
 Organization](#)
 (GSO)

School of Allied Health Sciences

Master of Health Education Degree Program

This is an educational degree program for allied health and related health professionals. The program is interdisciplinary and prepares individuals for careers as academic or clinical educators and more highly skilled practitioners.

The objectives are to prepare:

Educators with mastery of advanced content, and a grounding in the philosophy, theory and methods of higher education;

Teachers who demonstrate knowledge and understanding of the teaching-learning process and skill with a variety of instructional methods;

Designers and evaluators of alternative methods and materials for instruction; and

Leaders who can help plan, design and deliver quality professional education in the academic and clinical environments.

Requirements for Admission

1. A completed application demonstrating at least a baccalaureate degree from an accredited program in the allied health or related health discipline and professional credentials (or eligibility for) in the field.
2. Three letters of recommendation.
3. Graduate Record Examination scores of 1000 (combined verbal and quantitative).
4. The Test of English as a Foreign language (TOEFL) is required of all foreign applicants (excluding English speaking countries), minimum acceptable score is 550 paper-based or 213 computer-based.
5. Additional discipline-specific requirements may be stipulated by the individual program.

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

Graduation Requirements

- Completion of 36 semester hours with the following minimum requirements
 - Education Core: 13 - 15 semester hours
 - Research Tools and Methods: 4 - 6 semester hours
 - Thesis Research: - 4 semester hours
or Project Research: 3 - 4 semester hours
 - Interdisciplinary/disciplinary Studies: 11 - 16 hours

Residence

A minimum of 30 semester hours toward the MHE degree must be earned in courses taught by MCG.

Program of Study

A course work proposal which has been approved by the advisory committee, the department chair and the dean.

Fulfillment of additional program requirements.

An overall grade point average of 2.8.

[Allied Health Home Page](#)

[Applications for Admission](#)

[Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Gretchen Caughman, gcaughma@mail.mcg.edu

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April 21, 2004

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

School of Dentistry

- [School of Dentistry Home Page](#)
- [Admission Requirements](#)
- [Fees and Expenses](#)
- [Academic Progress Policies](#)
- [Special Degree Programs](#)
- [Dental Residency Programs](#)
- [Course Descriptions by Department](#)
- [School of Dentistry Faculty](#)

[Catalog 2003-2004](#) | [Medical College of Georgia](#)

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November 05, 2003

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The mission of the Medical College of Georgia School of Dentistry is to educate dentists in order to improve overall health and to reduce the burden of illness in society through the discovery and application of knowledge that embraces craniofacial health and disease prevention.

Medical College of
Georgia
School of Dentistry
Augusta, Georgia 30912

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School of Dentistry

Admissions and Application

- [Dental School Applicants](#) (The application for the Entering Class of 2005 will be available beginning June 1, 2004.)
- [Advanced Education](#) (Residency Applicants)

Centers and Departments

- [Dental Research Center](#)
- [Endodontics](#)
- Oral and Maxillofacial Surgery
- Oral Biology and Maxillofacial Pathology
- [Oral Diagnosis](#)
- [Oral Rehabilitation](#)
- [Orthodontics](#)
- [Patient Services](#)
- [Pediatric Dentistry](#)
- [Periodontics](#)

Resources

- [Academic Progress Policies](#)
- [Annual Report 2002-2003](#)
- [Competencies](#)
- [Continuing Education](#)
- [Courses / Curriculum](#)
- [Curriculum by Semester](#)
- [Faculty](#)
- [Goals](#)
- [Mission Statement](#)
- [Opportunities for Dental Professionals](#)
- [Quick Recovery](#)
- [Research](#)
- [Student Code of Conduct](#)

[Information for Patients](#)

Internet Resources

- [Greenblatt Library](#)
- [Health Sciences Resources](#)

[Medical College of Georgia](#)

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Terrie English, tenglish@mail.mcg.edu

May 10, 2004

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Medical College of Georgia - School of Dentistry

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[A-Z Index](#) | [MCG Home](#) | [Site Search](#)



School of Dentistry Admissions Bulletin

[General Information](#)

[Admissions Information](#)

[Application Information](#)

Application

Reference Forms:

- [Pre-Dental Advisor's
Reference Form](#)

- [Personal Reference Form](#)

[Immunization and Health
Policies](#)

[Special Degree Programs](#)

[Financial Information](#)

[Housing Information](#)

[FAQ](#)

[Class Profiles](#)

[Requirement Summary](#)

[Information on Augusta](#)

School of Dentistry Admissions Bulletin Careers in Dentistry

A career in dentistry can provide many exciting and rewarding opportunities. Some of the advantages of a career in dentistry include:

- the independence of owning and operating your own business
- the challenge of a variety of tasks as health care provider
- the opportunity for service to others in need of health care
- the security of a comfortable lifestyle

If these advantages are attractive to you, a career in dentistry may be right for you.

Employment Opportunities

Most dentists are self-employed and establish a private practice alone or in partnership with other dentists. Employment opportunities also exist in the public health service, as teachers and researchers in dental education, commissioned officers in the armed services and researchers or practitioners in industry. In addition, some dentists enter advanced education programs for training in a dental specialty.

Accreditation

The Doctor of Dental Medicine (D.M.D.) program offered by the School of Dentistry is accredited by the Commission on Dental Accreditation of the American Dental Association.

Curriculum

The D.M.D. curriculum requires at least 11 academic semesters over four calendar years. The curriculum initially emphasizes the basic sciences with an expanding emphasis on the clinical sciences. The student's knowledge and familiarity with the basic sciences is reinforced with applied courses in each discipline.

After completing the D.M.D. program, the new dentist is expected to:

- Recognize and provide for the oral health needs of the people of Georgia, the region and the nation.
- Deliver contemporary and efficient high-quality oral health care.

- Conduct themselves in an ethical manner and appreciate the need for life-long learning.

Extramural (Off-Campus) Clinics

As part of the total educational experience, students participate in a variety of ambulatory dental clinics remote from the School of Dentistry. This course occurs in the summer between the 3rd and 4th years.

The Student and Research

The dental student may participate in research projects supervised by faculty in both basic science and clinical areas.

Curriculum Overview

The School of Dentistry curriculum consists of: oral biology courses (anatomy, biochemistry, microbiology, pharmacology, and physiology); clinical sciences (dental materials, endodontics, occlusion, oral medicine, oral pathology, oral surgery, orthodontics, pediatric dentistry, prosthodontics, radiology, and restorative dentistry); and behavioral sciences/management courses. The curriculum consists of approximately 5,250 hours of instruction over four years.

Licensure Examination

Graduates of the Medical College of Georgia School of Dentistry are eligible for examination by all U.S. dental licensing boards.

For Further Information

. . .related to the School of Dentistry at the Medical College of Georgia, please contact:

Office of Students, Admissions and Alumni
School of Dentistry
Medical College of Georgia
Augusta, Georgia 30912-1020
Phone: 706/721-3587
FAX: 706/721-6276
Email: osaas@mail.mcg.edu

[School of Dentistry](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Carole Hanes, chanes@mcg.edu

May 30, 2004



School of Dentistry Admissions Bulletin

[General Information](#)

[Admissions Information](#)

[Application Information](#)

Application

Reference Forms:

- [Pre-Dental Advisor's Reference Form](#)
- [Personal Reference Form](#)

[Immunization and Health Policies](#)

[Special Degree Programs](#)

[Financial Information](#)

[Housing Information](#)

[FAQ](#)

[Class Profiles](#)

[Requirement Summary](#)

[Information on Augusta](#)

Office of Students, Admissions and Alumni, School of Dentistry

Financial Information

Financial Aid

The Medical College of Georgia [Office of Student Financial Aid](#) helps students secure needed financial aid. Assistance includes loans, limited scholarships and/or part-time employment.

Information and applications for financial aid are provided to all applicants invited to interview. Correspondence regarding financial aid should be sent to:

Office of Student Financial Aid
Medical College of Georgia
1120 Fifteenth Street, AA-2013
Augusta, Georgia 30912-7320

Applications for funds from MCG are separate from admissions applications, i.e., one need not wait for acceptance to MCG before applying for aid. It is recommended that financial aid application material be submitted between January 1 and February 15 prior to the anticipated enrollment regardless of acceptance status. Applications will be processed according to the date of receipt, so early application after January 1 is encouraged. Applications completed by March 31 will receive priority consideration.

Estimated Academic Expenses for 2003-2004

	First Year (3 semesters)	Second Year (3 semesters)	Third Year (3 semesters)	Fourth Year (2 semesters)
Matriculation Fee	\$ 11,043	\$ 11,043	\$ 11,043	\$ 7,362
Student Health Fee	350	350	350	260
Student Activity Fee	101	101	101	76

Technology Fee	225	225	225	150
Health Center Fee	150	150	150	50
Books and Supplies	1,207	482	486	225
Instruments and Equipment	2,754	1,854	1,854	1,236
Student Health Insurance	1,260	1,260	1,260	945
Other Fees and Services	1,040	1,045	1,095	873
Totals	\$18,130	\$16,510	\$16,564	\$11,177

Non-resident tuition is \$11,043 per semester in addition to the matriculation fee, i.e. \$44, 172 for a 3 semester academic year.

All tuition charges, board, room rent, or charges are subject to change at the end of any academic term.

During the off-site clerkship experience, the student may incur some added expenses, depending on the location selected for these experiences. After the fourth year, most students elect to take one or more state board examinations for licensing purposes. At the time of this writing, the Southern Region Testing Agency board costs \$850 plus a \$150 facility fee.

All students at MCG are required to carry health insurance, and certification of health insurance is required of each student annually. A student health insurance plan is available through the MCG Student Government Association. Students can subscribe to this or another plan of their choice as long as the plan obtained outside of MCG meets minimal institutional benefit standards. The cost of student health insurance included in the estimated academic expenses listed above is the annual (12-month) cost for a single student. Cost of coverage for spouses and children is higher.

Estimated Other Expenses 2003-2004
Graduate/Professional Students

Monthly allowances

	Rent/Utilities Phone	Food	Personal Expenses	Transportation	Total Per Month
On-Campus	\$490	500	180	250	\$1,525
Off-Campus	\$490	500	180	250	\$1,525

Notes:

1. The following explanation of terms may be helpful. Personal expenses include allowances for medical expenses, clothing, laundry, recreation, toiletries and miscellaneous expenses. Transportation includes an allowance for public transportation or car pooling and/or maintenance of a vehicle, gasoline and insurance.
2. To calculate annual costs, multiply the total per month times the number of months of enrollment. These are shown in the chart for Estimated Academic Expenses.

Refund Policy

In accordance with federal government requirements, the MCG refund policy is presented below:

Unless otherwise required by state or federal law, students who officially withdraw from MCG will receive a refund of tuition and other mandatory fees at the end of the semester in which the withdrawal is made. Students who officially withdraw with a clean record within the time specified after the scheduled registration date may receive refunds of tuition and other mandatory fees as listed:

Time of Formal Withdrawal	Percent Refunded
On or before the first day of class	100
Withdrawal after the first day of class but before the end of the first 10% (in time) of the period of enrollment	90
Withdrawal after the first 10% (in time) of the period of enrollment but before the end of the first 25% (in time) of the period of enrollment	50

Withdrawal after the first 25% (in time) of the period of enrollment but before the end of the first 50% (in time) of the period of enrollment	25
Withdrawal after the first 50% (in time) of the period of enrollment	0

The refund of tuition and other mandatory fees is limited to withdrawal from the institution and not for dropping of individual courses.

Acceptance Deposits

The School of Dentistry at the Medical College of Georgia requires a \$100 acceptance deposit which will be credited toward first semester matriculation fees. Those accepted applicants who fail to appear for registration, and fail to notify the Office of Students, Admissions and Alumni of their withdrawal 90 days prior to enrollment, shall forfeit their acceptance deposit.

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Please email comments, suggestions or questions to:
Carole Hanes, chanes@mcg.edu

May 30, 2004

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Please email comments, suggestions or questions to:
James Barenie, jbarenie@mcg.edu

April 16, 2004

back to: [School of Dentistry home](#)



[Print School of Dentistry
Academic Progress Policies](#)
(10 page PDF file)

School of Dentistry Academic Progress Policies

A. Review of Academic Progress

Academic progress of students is monitored by the Student Academic Review Committee. At the end of each semester, and at any other time deemed appropriate, the Student Academic Review Committee reviews and evaluates each student's performance and recommends one of the following to the Dean:

1. continue enrollment as a regular student;
2. continue enrollment as a student on academic probation;
3. continue enrollment as a special student;
4. repeating of coursework in any deficient areas, as appropriate;
5. repeating of a portion of the curriculum;
6. administrative withdrawal from clinical courses if a National Board Exam is failed;
7. dismissal; or
8. promotion to the next year of the curriculum (effective the end of Spring Semester of each year), as appropriate.

B. Dean's List

Students who exhibit acceptable professional behavior and whose grade point average (GPA) while carrying at least 12 hours in any semester is 3.25 (on a 4.00 scale) or higher and who have not received any unsatisfactory or failing grades for the semester are named to the Dean's List. Dean's List qualifications for students receiving grades of Incomplete (I) will not be determined until the I is replaced by an earned grade.

C. Failing Grades and Incompletes

1. Failing grades

Students must pass all courses within the curriculum to be eligible for graduation. When a failing grade is received, an F is recorded. The student must be re-registered in the course before a passing grade can be earned. Each course syllabus will state the

criteria for satisfactorily repeating a course that has been failed. Students must participate in additional learning experiences under the supervision of the course director prior to receiving a final grade for the second attempt of a course that was previously failed. Promotion to the next year of the curriculum is precluded until all courses in the preceding year have been completed with a passing grade.

2. Incompletes

If a student receives an Incomplete (grade of I), the course director will notify the student in writing of the time limitations and requirements to remove the I, subject to approval by the Student Academic Review Committee and the Dean. When the student completes the course, the course director is responsible for submitting the grade earned by the student to replace the I. Grade changes should be submitted within 3 days of course completion. Any I grade not replaced by an earned grade within the next two semesters in residence following the assignment of the I will be changed to a grade of F. Promotion to the next year of the curriculum is precluded until all Incomplete grades have been removed. Responsibility for monitoring resolution of I grades rests with the Chair of the Student Academic Review Committee.

D. Definitions

1. Special Students

Any student who, as a result of academic deficiencies, is required to study in an altered curriculum (e.g., more courses, fewer courses, or different courses than the student's class would normally be taking) will be considered a special student. Special students would normally not be expected to graduate on time.

2. Time Limitations

In all policies of the Student Academic Review Committee regarding time limitations, working days shall include the five days of the work week (Monday through Friday) regardless of whether classes are in session, and shall exclude all official holidays of the Medical College of Georgia. Exceptions to this definition will be listed as calendar days.

E. Administrative Withdrawal from Clinical Courses

1. Part I of the National Dental Board Examination is given in July following completion of the second year of the curriculum. If a student receives a total score of below 75 on Part I the SARC will meet to consider making the following recommendation to the Dean. The student will be immediately withdrawn from the clinical courses of the 7th semester in order to provide time for remedial efforts to retake the examination in December. The student will be required to retake the Part I Examination the next time it is offered. After the student retakes Part I in December the student may be enrolled in clinical courses beginning in the Spring semester. If the student is reported to have not passed all sections of Part I the student will again be immediately withdrawn from all clinical courses to provide time for a final attempt at National Board Part I which must be taken the following July. A third failure to pass all sections of the Part I Examination will require a Dismissal Hearing for the student.

2. A student receiving partial credit on Part I of the National Board (75 or higher average score but failing one or more sections) may proceed in clinical courses but must retake Part I in December. After the student retakes Part I in December the student may be enrolled in clinical courses beginning in the Spring semester. If the student is reported to have not passed all sections of Part I the student will be immediately withdrawn from all clinical courses to provide time for a third attempt at National Board Part I which must be taken the following July. A third failure to pass all sections of the Part I Examination will require a Dismissal Hearing for the student.

3. Part II of the National Dental Board Examination is given in December of the fourth year of the curriculum. A student who fails the Part II Examination will be required to retake and pass the Part II Examination before the Dean will authorize the student to participate in the Southern Regional Testing Examination. A third failure on the Part II Examination will require a Dismissal Hearing for the student.

F. Academic Probation

Any student whose grade point average (GPA) for any semester is below 2.00 (on a 4.00 scale) or whose cumulative D.M.D program GPA is below 2.00 at the end of any semester shall be considered on academic probation. Students on academic probation are subject to the Academic Dismissal policies of the School of Dentistry.

G. Academic Dismissal

1. Authority to dismiss students from the School of Dentistry rests with the Dean. Any student who fails to meet the standards of academic progress listed in this section of School of Dentistry policies may be dismissed for academic reasons. The Student Academic Review Committee has the responsibility for monitoring student academic progress, and recommending to the Dean the dismissal of any student who does not make satisfactory academic progress through the curriculum. The SARC shall not recommend the dismissal of any student until the student has been provided an opportunity for a hearing before the SARC.

2. Standards of Academic Progress

Students whose level of academic achievement falls below the standards of academic progress set forth below will be scheduled for an academic dismissal hearing before the Student Academic Review Committee to be considered for dismissal. A student will be considered for dismissal if:

- a. The student's cumulative GPA is below 1.65 at the end of the first semester of the freshman year; or
- b. The student's cumulative GPA is below 2.00 at the end of the second semester of the freshman year; or
- c. The student earns 8 semester hours of F during a single semester; or
- d. The student is on academic probation for two of three consecutive semesters; or
- e. The student fails Part I of the National Board Dental Examination three times; or
- f. The student fails Part II of the National Board Dental Examination three times

3. In addition, the Student Academic Review Committee may recommend to the Dean the dismissal of any student on academic probation. Prior to such a recommendation, any student being considered for dismissal has the right to a hearing before the Student Academic Review Committee.

4. Hearing Procedures

The Student Academic Review Committee shall use the following procedures for all academic dismissal hearings initiated by the SARC.

a. Notice to Student

Once the SARC has determined that a dismissal hearing is indicated the Chair of the SARC will immediately notify the student, the Dean and all SARC members that a hearing will be arranged. Every effort should be made to schedule the hearing within 10 days. In extraordinary circumstances the hearing may be delayed in order to obtain important additional information, to secure a quorum, etc. At least 5 days prior to a dismissal hearing before the SARC, the student will receive a written notice of the time, date, and place of the hearing and a written notice of the applicable policies which could lead to the student's dismissal.

b. Hearing Procedure Rules

(1) An audio recording and minutes of the hearing proceedings shall be kept and a copy made available to the parties concerned through the legal department in the event an appeal is filed.

(2) The Vice-Chair of the SARC will present the student's academic record to the Committee and may present witnesses from the faculty to provide information about the student's performance in courses. In the absence of the Vice-Chair or in the event of a potential conflict of interest the Chair may name a designee to serve in place of the Vice-Chair.

(3) Students appearing before the SARC will be permitted an advisor of his\her choice except that a student may not select an attorney as his or her advisor. If a student selects an advisor who is not a faculty member of the Medical College of Georgia, the student must sign a written waiver of confidentiality for the advisor to attend the hearing. Any such waiver of confidentiality is intended to permit the non-faculty advisor to attend the hearing, and the student's right to privacy will otherwise be protected to the extent allowed by law. Advisors may not directly participate in the hearing.

(4) At least eight voting members of the SARC must be present for a dismissal hearing. The SARC will deliberate in executive session to formulate a recommendation regarding the student's academic standing. The recommendation will be

voted on by a written, secret ballot. The Vice-Chair shall not vote, and the Chair will vote only in the event of a tie. Recommendations must pass by a simple majority of the voting members present.

(5) The student shall have access to his (her) academic record.

(6) The student shall be afforded an opportunity to obtain and present witnesses and documents or other evidence.

(7) The student and all members of the SARC shall have the right to question all witnesses.

(8) The decision of the SARC shall be based on the student's academic record and shall be presented by the Chair of the SARC to the Dean in the form of a written recommendation within 24 hours of the end of the hearing.

(9) In cases where the Chair of the SARC determines that participation of a faculty member in a student dismissal hearing creates a conflict of interest, the faculty member will be excused from the hearing.

5. Dean's Responsibilities

The Dean may implement the SARC's recommendation or modify the recommendation. At the discretion of the Dean, the Dean may dismiss the student or continue the enrollment of the student as a regular student, a special student on an altered curriculum, or as a student on academic probation. The Dean shall advise the student in writing of his (her) decision within 5 days of receiving the written recommendation of the SARC. The Dean's decision is final for the School of Dentistry. It is the responsibility of the Associate Dean for Academic Affairs to create, manage and store the written and audio records that are related to the hearing. The management of the records should follow the institutional policies that apply to all schools of the Medical College of Georgia.

H. Appeal of Dismissal

A student may appeal the Dean's dismissal decision to the President of the Medical College of Georgia. A decision by the President may be appealed to the Board of Regents in accordance with Board policy.

I. Readmission

Any student who is dismissed or who withdraws from the School of Dentistry may apply to the Student Admissions and Recruitment Committee for readmission as a first year student by submitting a regular application for admission following standard admission

procedures. No re-enrollment with advanced standing will be permitted except under the provisions of the School of Dentistry's Leave of Absence policy.

J. Graduation

Successful completion of all requirements leads to the D.M.D. degree. Approval to graduate rests with the Dean. Graduation requirements are:

1. A minimum of 11 semesters in residence; and
2. Completion of the curriculum within 16 semesters in residence except that students in the D.M.D./M.S. and D.M.D./Ph.D. programs may request a waiver of the 16 semester rule from the Dean.
3. Passing grades in all required courses; and
4. Cumulative grade point average of 2.00 or higher; and
5. Satisfactory completion of all clinical services; and
6. Passing Part I and Part II of the National Board Dental Examination; and
7. Return of assigned institutional property and equipment in acceptable condition; and
8. Payment of all outstanding financial obligations to include tuition and all required student fees, and
9. Completion of all required course and instructor evaluations including all clinical course and instructor evaluations.

K. Leave of Absence Policy

1. Emergency Leaves of Absence

Emergency leaves of absence can be recommended by the Associate Dean for Students, Admissions and Alumni and approved by the Dean for up to 10 working days. In the case of absence or unavailability of the Dean or the Associate Dean for Students, Admissions and Alumni either may make the emergency decision. All missed work must be made up.

2. Family Leave of Absence

a. Any student enrolled in the School of Dentistry may request from the Dean a family leave of absence in the event of:

- the birth of the child of the student;
- the placement of a child with the student for adoption;
- a serious health condition of the student's child, spouse, parent or spouse's parent necessitating the student's presence; or
- a serious health condition of the student which renders him/her

unable to perform the duties of a student.

b. A family leave may serve for an intermediate time period or for a period of part-time attendance and does not require withdrawal from the Medical College of Georgia.

c. Students taking a family leave of absence are required to make up all missed work.

d. Family leave of absence request procedures:

(1). Students must request a family leave of absence from the School of Dentistry by submitting a written request to the Associate Dean for Students, Admissions and Alumni. The request should state the following:

(a) The reason the leave is being requested.

(b) When possible, the inclusive dates (i.e., beginning and ending) of the leave or the part-time nature of the leave.

(2). A letter of support for the action should be included if appropriate (i.e. physician letter, etc.)

(3). The Associate Dean for Students, Admissions and Alumni will inform the Dean of the request. If the Dean approves the student's request, the Dean will refer the matter to the Associate Dean for Academic Affairs who will in conjunction with appropriate course directors and department chairs develop conditions that must be met by the student and any necessary remediation activities the student is to complete during or after the family leave.

(4). The Dean will review the conditions submitted by the Associate Dean for Academic Affairs regarding the leave of absence and may approve, deny, or modify the conditions. The Dean will notify the student in writing of the action on the student's request, including any conditions that must be met by the student. In the case of absence or unavailability of the Dean in an emergency situation, the Associate Dean for Students, Admissions and Alumni may approve the Family Leave following the conditions stated in this policy.

(5). Some patients of students who have been approved for a family leave of absence may need to be reassigned.

(6). Students receiving financial aid through the Medical College of Georgia must comply with all federal policies

to maintain eligibility for aid.

(7). In the event that the family leave becomes excessive the student may apply for an extended leave of absence.

3. Extended Leaves of Absence

a. Any student enrolled in the School of Dentistry may request from the Dean an extended leave of absence for cause. Any student who is granted an extended leave must officially withdraw from the Medical College of Georgia in keeping with institutional policies.

b. Students taking an extended leave of absence will re-enter the curriculum no later than the point at which the leave began, and students may be required to repeat a portion of the curriculum. Students who are on an extended leave from the School of Dentistry for more than one calendar year may be required to repeat all or a significant portion of the curriculum.

c. Extended Leave of Absence Request

(1). Students must request an extended leave of absence from the School of Dentistry by submitting a written request to the Associate Dean for Students, Admissions and Alumni. The request should state the following:

(a) The reason the leave is being requested (i.e., ill health, financial burdens, family problems, personal problems, reconsideration of career or life goals, etc.)

(b) When possible, the inclusive dates (i.e., beginning and ending) of the leave.

(2). A letter of support for the action should be included if appropriate (i.e. physician letter, etc.)

(3). The Associate Dean for Students, Admissions and Alumni will inform the Dean of the request. If the Dean approves the student's request, the Dean will refer the matter to the Associate Dean for Academic Affairs who will in conjunction with appropriate course directors and department chairs develop conditions that must be met by the student to re-enroll. The Associate Dean for Academic Affairs will include in the conditions the point in the curriculum where the student will re-enroll and any necessary remediation

activities the student is to complete before or after re-enrollment.

(4). The Dean will review the conditions submitted by the Associate Dean for Academic Affairs regarding the leave of absence and may approve, deny, or modify the conditions. The Dean will notify the student in writing of the action on the student's request, including any conditions that must be met by the student. A copy of the Dean's written notice to the student will be forwarded to the Office of the Registrar for filing in the student's record. In the case of absence or unavailability of the Dean in an emergency situation, the Associate Dean for Students, Admissions and Alumni may approve the Family Leave following the conditions stated in this policy.

(5)e. If the leave is granted, the student must personally complete withdrawal procedures through both the School of Dentistry and the Office of the Registrar.

(6). The patients of students who have been approved for a leave of absence will probably be reassigned.

(7). In cases where the leave of absence extends for more than sixty calendar days, the student must confirm his or her plans to re-enroll by notifying the Dean in writing at least thirty calendar days prior to the previously determined re-enrollment date (see J.3.a.(2), above). The Dean will then notify the Chair of the SARC and the Registrar of the point within the curriculum at which (semester and year) the student will re-enroll (the student's course schedule should be attached to the Dean's notification to the Registrar). Students seeking reinstatement will be required to meet all conditions for reinstatement that had been established.

(8). Students who fail to confirm their re-enrollment date in accordance with this policy or students who do not notify the Dean of a change in plans may not be allowed to re-enroll in the School of Dentistry. Students must also complete all institutional procedures required for reinstatement as specified by the School and Registrar.

4. The Dean's Office will notify involved course directors and Department Chairs when a leave of absence of either type has been granted.

L. Student Academic Grievances Policy

The following policy relative to academic grievances shall be applicable to all predoctoral students enrolled in the Medical College of Georgia School of Dentistry.

1. Grounds for Grievances

A student may file an academic grievance if (s)he feels one of the following grounds apply:

- a. grading was not in accordance with published course grading policy;
- b. grading was arbitrary or capricious; or
- c. grading was determined on the basis of race, disability, gender, ethnicity, or religious affiliation.

2. Academic Grievance Protocol

Any student who has a grievance should attempt to resolve it with the faculty member involved. If the problem is not resolved, the student should then meet with the appropriate course director. If the problem is not resolved at this level, the student should meet with both the course director and the Department Chair. If the problem is still not resolved, the student may request that the grievance be heard by the Student Academic Review Committee citing one or more of the grounds listed above. The Chair of the SARC must receive written notification of the grievance within 15 working days of the incident that prompts the grievance. An investigative subcommittee composed of the Vice Chair of the SARC and one other member of the SARC will be appointed by the Chair of the Committee to determine whether or not the grievance should be heard by the full Committee. If the Committee hears the grievance, a recommendation will be made to the Dean whose decision shall be final for the School of Dentistry. The student has the right to appeal the decision of the Dean to the President of the Medical College of Georgia.

3. Student Academic Grievance Procedures

The Student Academic Review Committee shall use the following procedures for all student grievances initiated under the Student Academic Grievance policy of the School of Dentistry.

a. Procedures for Requesting a Hearing

- (1) After attempting to resolve the grievance with the course director and department chair, a student who has not received satisfaction must write a letter to the Chair of the Student Academic Review Committee. In the letter to the Chair of the SARC, the student must provide:

- (a) Date(s), time(s) and place(s) of events in question;
- (b) Names of any witnesses;
- (c) Facts of the grievance and action requested;
- (d) Outline of efforts and actions already taken by the student to gain redress indicating dates and names of contacts.

The Chair of the SARC will provide a copy of the student's grievance letter to the course director and department chair within 5 days of receiving the grievance.

(2) Within 5 days of receiving the grievance, the Chair of the SARC will appoint an investigative subcommittee to determine whether the grievance warrants a hearing by the full SARC. The investigative subcommittee will be composed of the Vice Chair of the SARC and one other member of the SARC. The subcommittee will make its recommendation to the Chair of the SARC within 10 working days of being appointed. The Chair of the SARC will notify the parties concerned in writing within 3 days of the subcommittee's determination including the time and place of the hearing if one is granted.

(3) If the investigative subcommittee recommends denying a student request for a hearing, the student may appeal that action to the Dean within 5 days of receiving the denial. The Dean may uphold the investigative subcommittee denial or remand the matter to the SARC for a full hearing.

b. Hearing Procedure Rules

(1) An audio recording and minutes of the hearing proceedings shall be kept and a copy made available to the parties concerned through the legal department in the event an appeal is filed.

(2) In cases where a Committee member is a party to the grievance, where the Chair of the SARC determines a Committee member will have a conflict of interest, and in cases where a Committee member is to serve as a witness, that member shall not participate in the hearing of those grievances as a member of the Committee. Members of the investigation subcommittee will not participate in the

formal SARC hearing except as wit

(3) Whenever each of the parties concerned appear before the Committee, (s)he will be permitted to have present an advisor of his (her) choice that is a member of the MCG academic community. The role of the advisor will be to advise the student. Advisors may not directly participate in the hearing. A student may not select an attorney as his or her advisor.

(4) The SARC will deliberate in executive session to formulate a recommendation regarding the student's academic grievance. The recommendation will be voted on by a written, secret ballot. The Chair will vote only in the event of a tie. Recommendations must pass by a simple majority of the voting members present.

(5) The student shall have access to his (her) academic record.

(6) The parties concerned shall be afforded an opportunity to obtain and present witnesses and documents or other evidence.

(7) The parties concerned shall have the right to question all witnesses.

(8) The decision of the Committee shall be based on the evidence introduced at the hearing.

(9) The Chair shall notify the Dean in writing of the Committee's recommendation within three (3) working days of the hearing. The recommendation shall include a brief statement of facts, the Committee's decision, and the reasons therefore. It is the responsibility of the Associate Dean for Academic Affairs to create, manage and store the written and audio records that are related to the hearing. The management of the records should follow the institutional policies that apply to all schools of the Medical College of Georgia.

(10) After receipt of written notification of the recommendation of the Committee, the Dean shall advise the student and other parties concerned in writing of his (her) decision and the reasons supporting this decision within five (5) working days of receipt of the Committee recommendation.

(11) The student has the right to appeal any adverse

decision by the Dean to the President of the Medical College of Georgia within five (5) working days of receipt of the Dean's decision.

M. Grading Models, Course Failure Policies, and Attendance Policies in Course Syllabi

1. Grading Models

Each course syllabus must contain a grading model clearly stating how the final course grade will be determined. The procedure for determining numerical values must include the rounding procedure.

2. Course Failure Policies

All course syllabi shall have a clearly written policy for treatment of students receiving a failing grade as described in the course grading policy. The course syllabus should also include any limitations that will be placed on the student in subsequent course work or clinical activity as a result of failing the course. When considering treatment of such students, the course director should take into account:

- a. the other courses for which the failed course is a pre-requisite;
- b. whether there will be adequate time in the student's schedule for the course to be repeated the next time that the course is regularly scheduled to be offered;
- c. the emphasis for areas of deficiency (cognitive vs. manual dexterity);
- d. whether it is appropriate to provide additional training or self-teaching to resolve the specific student's deficiencies in lieu of complete repetition of the course; and
- e. the failing grades policy of the School of Dentistry which requires that students be re-registered for any course failed and that students must participate in additional learning experiences under the supervision of the course director before a grade for the second attempt at the course can be assigned.

3. Attendance Policies

Each course syllabus must contain a clearly written description of the course's attendance policy. If attendance is mandatory, a clearly stipulated policy must be present which outlines the implications for the student for non-compliance.

N. Student Excused Absence Policy

Successful completion of the dental program depends directly upon student participation

in and completion of all required courses. Students are expected to attend all scheduled classroom, laboratory and clinic sessions. However, it is understood that on occasion students may be required to be absent from a scheduled class, laboratory or a clinic session for excusable reasons. An excused absence excuses only a student's attendance at a scheduled class session. In all cases, any missed work must be made up.

1. The Associate Dean for Students, Admissions and Alumni has the authority and may grant an immediate excused absence for a student in the following circumstances.

- a. Personal illness or illness of a close family member when the attention of the student is required.
- b. Death of an immediate family member.
- c. Personal appointments for acute or preventive health care. (A student missing a scheduled examination must document a visit to Student Health or a private physician in order to qualify for a make up examination. Whenever possible, students should schedule preventive appointments at times which are minimally disruptive to their class schedule).
- d. Accident or other unforeseen circumstances making it impossible for a student to attend a scheduled class.

2. Students are expected to report their reason for requesting an excused absence to the Associate Dean for Students on the day of the absence or as soon as possible. If the request for an excused absence is approved, the Associate Dean for Students will notify the course directors and advise the student to arrange to make up any missed work as soon as possible. The Associate Dean for Students will have the responsibility to determine the validity of the reason for the request. Students are not required to notify each course director or to divulge the reason for the absence to anyone other than the Associate Dean for Students. Student confidentiality must be respected and preserved unless required by subpoena or other legal process. A record of excused absences will be maintained in the office of the Associate Dean for Students until the Student Academic Review Committee reviews grades at the end of the semester.

3. The following may also constitute reasons for an excused absence but these are not emergencies and they should be planned well in advance. The student has the responsibility to notify the course director and the Associate Dean for Students and arrange in advance to make up any work to be missed.

- a. Serving off campus as a representative of the institution

or an institutionally sponsored organization.

- b. Seniors interviewing for a graduate program or practice opportunity.
- c. Scheduled participation in an off site rotation or elective.
- d. Religious holiday.
- e. Other circumstance as may be approved by the course director.

4. Faculty has the responsibility to monitor class attendance. When attendance is part of the course grade, attendance must be taken for all students at every class session. Students that are suspected of abusing the Excused Absence Policy should be reported to the Associate Dean for Students, Admissions and Alumni for investigation and action as prescribed by the School of Dentistry Code of Conduct.

5. A student who misses a scheduled class session without an excused absence is not entitled to any special consideration to make up missed projects, work or examinations. These students should be treated in accordance with the class attendance policy published in the course syllabus.

6. A student grievance arising due to an excused absence action should be handled as specified in section K of the Academic Progress Policies.

rev. 08/12/92

rev. 04/21/93 Approved by Administrative Council

rev. 03/22/94 Approved by Administrative Council

rev. 04/10/95 Approved by Administrative Council

rev. 05/18/98 Approved by Administrative Council

Ver. 2.0, rev. 07/07/99 Excused absence policy added

rev. 08/15/02 Approved by Administrative Council

Catalog 2003-2004

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Special Degree Programs

Combined Master of Science Degree or Doctor of Philosophy Degree in Oral Biology and Doctor of Dental Medicine Degree (D.M.D.)

For the student with a particular interest in life sciences, these combined degree programs provide opportunities to obtain a research-based degree along with the D.M.D. degree. These programs are available to accepted dental students. For the M.S./D.M.D. program, the degree candidate must spend approximately one additional year between the second and third years of dental school in full-time graduate studies. For the Ph.D./D.M.D. program, the degree candidate will spend approximately three additional years between the second and third years of dental school in full-time graduate studies. During the period of full-time graduate studies, the candidates will perform original research, complete additional course work and write their research thesis. Permission to enter these joint degree programs must be granted by the dean of the School of Graduate Studies and the dean of the School of Dentistry. Applicants must be enrolled in the School of Dentistry, be in good academic standing and be progressing satisfactorily in clinical requirements. The requirements for the combined degree programs are essentially those of the individual degree programs. Further information on these programs can be obtained by writing: Chairman, Department of Oral Biology Medical College of Georgia School of Dentistry, Augusta, Georgia 30912.

Graduate Programs

Information regarding the M.S. in oral biology or the Ph.D. in oral biology can be obtained from the [School of Graduate Studies](#).

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Please email comments, suggestions or questions to:
Admissions, underadm@mcg.edu

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registrar@mail.mcg.edu

May 24, 2002

ENDO5002. Endodontic Seminar1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

Seminars cover such topics as alternative endodontic techniques, endodontic surgery, rationale for case referral, and endodontic diagnosis. Students are also introduced to the endodontic literature with assignments of written reports of articles in the Journal of Endodontics.

Grading System: ABCDF

ENDO5901. Endodontic Clinic1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

This course consists of the completion of the Diagnostic Testing Exercise which includes performing endodontic diagnostic testing on a classmate and the performance of simulated clinical procedures on nonmolar extracted teeth mounted in the Endodontic Dentiform.

Grading System: ABCDF

ENDO5001. Fundamentals of Endodontics3 credit hours | 0 clinical hrs |
1 lecture hrs | 4 lab hrs*Prerequisite: None*

This course will introduce the student to the field of endodontics through lecture sessions and laboratory projects. At the conclusion of the course, the student shall be competent in the performance of endodontic procedures on extracted teeth. The student then will be scheduled in the Endodontic Block Clinic for endodontic treatment on extracted teeth mounted in the endodontic dentiform (endodontic simulations).

Grading System: ABCDF

ENDO5902. Endodontic Clinic2 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

This course consists of the performance of simulated clinical endodontic procedures on extracted molar teeth mounted in the Endodontic Dentiform. Complete details for the preparation of the Endodontic Dentiform are published in the Endodontic Clinic Manual. The successful completion of this course is a prerequisite prior to treating patients in the Endodontic Clinic.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

CLK5901. Clerkship4 credit hours | 0 clinical hrs | 0 lecture
hrs | 0 lab hrs*Prerequisite: None*

This course is designed to provide each student with clinical experiences in differing community settings away from campus. Each student is involved for a total of three weeks in an ambulatory care dental facility. These facilities allow the student to apply his clinical skills in the delivery of primary dental care for diverse populations of patients.

Grading System: ABCDF

CPR5002. Basic Cardiac Life Support (CPR)1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

In this course the student completes a Basic Cardiac Life Support Healthcare Provider course according to the standards established by the American Heart Association. In addition, MCG Emergency Medical Protocol is reviewed.

Grading System: ABCDF

**CPR5001. Basic
Cardiac Life Support
(CPR))**

1 credit hours | 0 clinical hrs | 3 lecture hrs | 4 lab hrs

Prerequisite: None

In this course the student completes a Basic Cardiac Life Support Healthcare Provider course according to the standards established by the American Heart Association. In addition, MCG Emergency Medical Protocol is reviewed.

Grading System: Satisfactory/Unsatisfactory

ETH5001. Ethics, Jurisprudence and Dentistry1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

This course provides an introduction to the structure and information necessary to help the student to recognize and assess significant ethical and legal issues in his or her practice. It consists of lectures and discussion which provide an opportunity to learn about the analytical techniques from ethics and law and the content of ethical standards found in the statements of the profession and the law.

Grading System: ABCDF

IMPL5001. Introduction To Oral Implantology1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

This is a lecture course designed to introduce the basic concepts and principles related to dental and oral implantology. Historical perspectives, implant biomaterials and devices, principles of placement, reconstruction and maintenance, current problems, controversies and research directions are among the topics included.

Grading System: ABCDF

ISEM5001. Interdisciplinary Seminar

1 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

This course is designed to allow students to be exposed to nationally renowned dental experts. Dental leaders in education, research and private practice are invited to present state-of-the-art material

Grading System: Satisfactory/Unsatisfactory

MB5901. Mock Board

2 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

This course is designed to prepare students for the regional dental board examination which is required for Georgia licensure. The course includes 17 hours of lecture and lab preparation time prior to a 3 day mock board examination which closely simulates the current regional dental board examination in terms of didactic, laboratory and clinical components.

Grading System: Satisfactory/Unsatisfactory

NSO5001. New Student Orientation

1 credit hours | 0 clinical hrs | 10 lecture hrs | 6 lab hrs

Prerequisite: None

New Student Orientation is a 1 credit hour, 16 contact hour pass/fail course for new first year students in the School of Dentistry to acquaint them with student services at the Medical College of Georgia, financial aid policies, the goals of dental education, and policies applicable to students in the DMD curriculum.

Grading System: Satisfactory/Unsatisfactory

VOD5001. Vocational Opportunities in Dentistry1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

A seminar course emphasizing opportunities in the profession of dentistry.

Grading System: ABCDF

ETH5000. Ethics for Health Professionals1 credit hours | 0 clinical hrs |
3 lecture hrs | 0 lab hrs*Prerequisite: None*

This course provides an introduction to the structure and information necessary to help the student to recognize and assess significant ethical and legal issues in his or her practice. It consists of lectures and discussion which provide an opportunity to learn about the analytical techniques from ethics and law and the content of ethical standards found in the statements of the profession and the law.

Grading System: ABCDF

IPSB5901AB. Introduction to Patient Services2 credit hours | 6 clinical hrs |
1 lecture hrs | 0 lab hrs*Prerequisite: RES 5001, PER 5001, OMT 5001*

This course introduces the sophomore dental student to routine patient care. It involves principally the clinical disciplines of oral diagnosis/treatment planning, periodontics, and restorative dentistry. Students carry out oral/physical examinations, history-taking, and other diagnostic procedures indicated for patients appointed to the Oral Diagnosis/Treatment Planning block and develop treatment plans for these patients. In the Periodontics block, students learn to examine the periodontal structures of patients, record their findings, plan and satisfactorily execute treatment of patients with gingivitis and demonstrate competency in periodontal scaling and polishing techniques. The Restorative block is designed to develop clinical judgment, patient management and manual skills through the completion of a variety of direct restorative procedures in a closely supervised clinical environment. In these clinical activities, students have the opportunity to put into practice the principles previously presented in didactic courses. Students may also receive experience in occlusal analysis and complete denture prosthodontics as warranted by patient needs. In scheduled clinical seminars, learning experiences are shared by students.

Grading System: ABCDF

IPSB5901BB. Introduction to Patient Services5 credit hours | 6 clinical hrs |
1 lecture hrs | 0 lab hrs*Prerequisite: None*

This course introduces the sophomore dental student to routine patient care. It involves principally the clinical disciplines of oral diagnosis/treatment planning, periodontics, and restorative dentistry. Students carry out oral/physical examinations, history-taking, and other diagnostic procedures indicated for patients appointed to the Oral Diagnosis/Treatment Planning block and develop treatment plans for these patients. In the Periodontics block, students learn to examine the periodontal structures of patients, record their findings, plan and satisfactorily execute treatment of patients with gingivitis and demonstrate competency in periodontal scaling and polishing techniques. The Restorative block is designed to develop clinical judgment, patient management and manual skills through the completion of a variety of direct restorative procedures in a closely supervised clinical environment. In these clinical activities, students have the opportunity to put into practice the principles previously presented in didactic courses. Students may also receive experience in occlusal analysis and complete denture prosthodontics as warranted by patient needs. In scheduled clinical seminars, learning experiences are shared by students.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

OSD5901. Oral Surgery Clinic

1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

This course continues the student's training in clinical techniques of oral physical examination, collection of diagnostic data, treatment planning and patient management.

Grading System: ABCDF

OSD5902. Oral Surgery Clinic 1 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

This course is a continuation of Oral Surgery Clinic activity.

Grading System: ABCDF

OSD5003. Advanced Oral Surgery

1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

An overview of surgical techniques and procedures that are performed by specialists in Oral and Maxillofacial Surgery.

Grading System: ABCDF

OSD5002. Fundamentals of Oral Surgery

2 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

This course provides basic information necessary to complete clinical requirements in oral surgery and in nitrous oxide conscious sedation, and subsequently perform those techniques within the scope of a general practitioner.

Grading System: ABCDF

OSD5001. Local Anesthesia

1 credit hours | 1 clinical hrs |
2 lecture hrs | 0 lab hrs

Prerequisite: None

The clinical techniques of local anesthetic administration for dentistry are presented in lecture and performed in the laboratory.

Grading System: ABCDF

OSD5903. Oral Surgery Hospital Clinic

2 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

A full-time, one week activity introducing the hospital dentistry and the role of the dentist in the hospital. Students are assigned to dental services at University Hospital and Medical College of Georgia Hospital and Clinics where they help treat oral surgery patients in the clinics, emergency rooms, and operating rooms. Students become familiar with admission and discharge of patients, the hospital chart, initiating hospital orders and obtaining and providing consultations for other hospital services. Two students at a time participate in the clerkship. The week extends from 7:00 a.m. Monday to noon Saturday. Students are on call 24 hours a day.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

OBMP5002. Applied Head and Neck Anatomy5 credit hours | 0 clinical hrs |
5 lecture hrs | 0 lab hrs*Prerequisite: None*

Lectures correlate the anatomical information learned in the laboratory to clinical problems, and also tie the regional approach of laboratory anatomy to systemic physiological anatomy. Students dissect the head region and the superficial and deep structures of the neck region. Models and movies of prosected material supplement dissection.

Grading System: ABCDF

OBMP5003. Neuroscience3 credit hours | 0 clinical hrs |
4 lecture hrs | 1 lab hrs*Prerequisite: None*

This course presents the basic structure and function of the nervous system through lectures and laboratories. Case studies are used to correlate basic science information with clinical neuropathies of dental interest.

Grading System: ABCDF

OBMP5004. Systemic Anatomy3 credit hours | 0 clinical hrs |
1 lecture hrs | 3 lab hrs*Prerequisite: None*

This course emphasizes the anatomical organization of axilla, thorax, abdomen, pelvis, and upper and lower extremities. Dissection models and movies of prosected materials are used to study the human body on a systemic basis. Clinical correlations are emphasized.

Grading System: ABCDF

OBMP5001. General and Oral Microanatomy6 credit hours | 0 clinical hrs |
8 lecture hrs | 12 lab hrs*Prerequisite: None*

This course presents didactic information and provides laboratory experiences related to the microscopic appearance and functional correlates of cellular, subcellular and extracellular structures of the primary tissues, organs and organ systems of the human body. Emphasis is placed on the structure and function of tissues of the oral cavity, and on the correlation of basic science information to various aspects of clinical dentistry.

Grading System: ABCDF

OBMP5101. Biochemical Basis of Oral Health and Disease 6 credit hours | 0 clinical hrs | 6 lecture hrs | 0 lab hrs

Prerequisite: None

Biomedical concepts and information essential to understanding the chemistry of the living cell are presented. Correlations between biochemistry and dental clinical sciences are emphasized.

Grading System: ABCDF

OBMP5502. Clinical Pathology Conferences 2 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

This course is comprised of clinicopathologic conferences encompassing differential diagnosis of systemic diseases. These conferences include case studies of diseases with emphasis on pathogenesis relative to clinical manifestations with implications for patient management during treatment of oral disease. Fundamentally, this course is conducted in a problem-solving format.

Grading System: ABCDF

OBMP5503. Oral Pathology I 2 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

The course examines the etiology and pathogenesis of oral and paraoral diseases and is the first of two courses in basic oral and maxillofacial pathology. The subject matter includes an introduction and biopsy techniques, developmental defects and anomalies, abnormalities of teeth, pupal/periapical diseases, periodontal diseases, bacterial infections, fungal and protozoal diseases, viral infections, physical and chemical injuries, allergies and immunological diseases, epithelial pathology, and salivary gland pathology. This course is conducted via lectures coupled with occasional clinicopathologic conferences which emphasize the development of a differential diagnosis and establishment of a final diagnosis.

Grading System: ABCDF

OBMP5505. Clinical Oncology 1 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

This course includes lectures and clinico-pathologic conferences which primarily emphasize the diagnosis and management of malignant and benign neoplastic lesions of the oral/perioral regions. Clinico-pathologic conferences are integrated for establishment of a differential diagnosis for lesions of oral/perioral regions as well as oral manifestations of systemic neoplasms.

Grading System: ABCDF

OBMP5102. Molecular Biology of Craniofacial Development

2 credit hours | 0 clinical hrs |
2 lecture hrs | 0 lab hrs

Prerequisite: None

Topics include regulatory mechanisms and pathways involved in the flow of genetic information required for normal tissue development and homeostasis. Special emphasis is given to development of the teeth, periodontium and other oral structures. Processes of gametogenesis and early embryogenesis with emphasis on craniofacial development also are presented.

Grading System: ABCDF

OBMP5201. Physiological Foundation for Dental Practice I

4 credit hours | 0 clinical hrs |
2 lecture hrs | 0 lab hrs

Prerequisite: None

An integrated study of the functional system of the human body ranging from molecular interaction to organismic behavior is presented in this course. Special emphasis is placed on principles and concepts related to dental practice.

Grading System: ABCDF

OBMP5202. Physiological Foundation for Dental Practice II

2 credit hours | 0 clinical hrs |
4 lecture hrs | 0 lab hrs

Prerequisite: None

This course provides students knowledge of the basic functions of cells, tissues, organs and organ systems and how they interrelate so that they may make clinical judgments on a rational, scientific basis.

Grading System: ABCDF

OBMP5301. Oral Microbiology and Infectious Disease I

3 credit hours | 0 clinical hrs |
3 lecture hrs | 0 lab hrs

Prerequisite: None

This course presents lectures on microbiology and immunology including microbial physiology, metabolism, genetics and mechanisms of pathogenesis and basic principles of immunology and immunological responses.

Grading System: ABCDF

OBMP5302. Oral Microbiology and Infectious Disease II

3 credit hours | 0 clinical hrs |
3 lecture hrs | 0 lab hrs

Prerequisite: None

This course presents lectures on microbiology and immunology including microbial physiology, metabolism, genetics and mechanisms of pathogenesis and basic principles of immunology and immunological responses.

Grading System: ABCDF

OBMP5303. Cariology

2 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

The course presents an integrated study of the multifactorial aspects of dental caries, including theories of caries etiology, epidemiology, molecular pathology, microbiological and biochemical composition of dental plaque, host and nutritional influences on pathogenicity. Approaches to caries prevention including immunization, fluoridation, antimicrobial agents and sugar substitutes are discussed.

Grading System: ABCDF

OBMP5401. Pharmacology and Therapeutics for Dental Practice I

1 credit hours | 0 clinical hrs |
2 lecture hrs | 0 lab hrs

Prerequisite: None

This course is an introduction to pharmacology with emphasis on aspects of particular relevant to general dentistry.

Grading System: ABCDF

OBMP5402. Pharmacology and Therapeutics for Dental Practice II

5 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

This course includes the pharmacology of drugs that affect the central nervous system, autonomic nervous system, cardiovascular system and endocrine function.

Grading System: ABCDF

OBMP5403. Dental Pharmacology Seminar1 credit hours | 0 clinical hrs |
1 lecture hrs | 0 lab hrs*Prerequisite: None*

This course is a seminar review and is update of pharmacologic topics. A National Board examination package has been assembled from the last seven released exams. The questions are grouped according to topics and questions are identified by year (s). At each session, questions are reviewed and the instructor will update and/or emphasize any subjects that are recalled by the question.

Grading System: ABCDF

OBMP5601. Bioclinical Seminar I1 credit hours | 0 clinical hrs |
1 lecture hrs | 0 lab hrs*Prerequisite: None*

Clinical case reports pertinent to the basic science courses currently or previously taught will be presented to the class during the first 30 minutes of the seminars. The remaining one and a half hour of each seminar will be spend by a small group of students in the presence of a faculty moderator in discussing the learning issues pertinent to the case that was given to the students ten days prior to the seminar.

Grading System: ABCDF

OBMP5602. Bioclinical Seminar II1 credit hours | 0 clinical hrs |
1 lecture hrs | 0 lab hrs*Prerequisite: None*

Clinical case reports pertinent to the basic science courses currently or previously taught will be presented to the class during the first 30 minutes of the seminars. The remaining one and a half hour of each seminar will be spend by a small group of students in the presence of a faculty moderator in discussing the learning issues pertinent to the case that was given to the students ten days prior to the seminar.

Grading System: ABCDF

OBMP5603. Special Topics in Oral Biology2 credit hours | 0 clinical hrs |
3 lecture hrs | 0 lab hrs*Prerequisite: None*

This interdisciplinary course is designed to highlight, through review information, quizzes, directed self-study and practice National Board questions, the biological science topics that are emphasized on Part I of the National Boards.

Grading System: ABCDF

OBMP5501. Applied Pathology in Dentistry5 credit hours | 0 clinical hrs |
5 lecture hrs | 0 lab hrs*Prerequisite: None*

This course includes lectures and clinico-pathological conferences on the basic principles of disease, relevant histopathology and the underlying mechanism at the cellular and subcellular levels. The topics include cell pathology, inflammatory process, hemodynamic disturbances, genetic and metabolic disorders and neoplasia. In addition, pathology of the systemic organs is covered.

Grading System: ABCDF

OBMP5103. Nutrition for Dental Professionals1 credit hours | 0 clinical hrs |
1 lecture hrs | 0 lab hrs*Prerequisite: None*

In this course various aspects of nutritional counseling with patients are practiced. Major nutritional problems encountered in the clinical practice of dentistry are discussed.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

EDS5902. Emergency Dental Services1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

The Emergency Dental Service (EDS) provides students with the experiences necessary for them to be competent in the prevention and management of dental emergencies which may be encountered in dental practice. The service exposes each student to the majority of dental emergencies including those of pulpal and periodontal origin, traumatic origin and those resulting from treatment failures.

Grading System: ABCDF

EDS5901. Emergency Dental Services1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

The Emergency Dental Services (EDS) provides students with the experiences necessary for them to be competent in the prevention and management of dental emergencies. During rotation through the clinic, the student will encounter and treat the majority of dental emergencies which are commonly seen in dental practice including those of pulpal and periodontal origin, traumatic origin and those resulting from treatment failures.

Grading System: ABCDF

OMD5005. Oral Medicine1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

This course presents methods for assessing and managing the oral soft tissue pathology, mucosal diseases, and oral manifestations of systemic disease which clinicians are likely to encounter in a general dental practice. It develops the basic concepts of differential diagnosis in order to rank probable diagnoses and presents appropriate methods of therapy. It applies the knowledge gained in oral pathology, pharmacology, and systemic pathology to clinical situations.

Grading System: ABCDF

OMD5002. Oral Diagnosis I1 credit hours | 0 clinical hrs |
1 lecture hrs | 0 lab hrs*Prerequisite: None*

An introduction to the technique of oral physical examination and collection of diagnostic data, oral diagnosis and treatment planning, so that students are prepared, with close supervision, to provide comprehensive oral examinations of patients in the MCG Dental Clinic.

Grading System: ABCDF

OMD5001. Principles of Personal Prevention

1 credit hours | 0 clinical hrs | 1 lecture hrs | 0 lab hrs

Prerequisite: None

The course provides students with the basic concepts necessary to understand the relationships between a variety of preventive measures, a healthier, safer lifestyle and a more rewarding career in dentistry.

Grading System: Satisfactory/Unsatisfactory

OMD5004. Oral Medicine: The Medically Compromised Patient

3 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

Oral Medicine is the part of dentistry involved in the diagnosis and treatment of primary and secondary diseases involving the oral and paraoral structures. The practice of oral medicine includes the application of knowledge of pathophysiology of disease, pharmacotherapeutics and dental sciences, which leads to the establishment of a diagnosis, management of the condition, and maintenance of the patient's health. The goal of this course is a review of the etiology, pathogenesis and medical management of systemic diseases which have implications in dental practice and to focus on the dental and oral health management of these patients. This includes coordination of care with other involved health care providers.

Grading System: ABCDF

OMD5901. Oral Medicine Clinic

1 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

This course trains the students in clinical techniques of oral physical examination, collection of diagnostic data, treatment planning, and patient management.

Grading System: ABCDF

OMD5006. Senior Oral Medicine Case Presentations

1 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

In this course, each student presents a documented case to other students and faculty in which he has applied the principles of treatment planning, patient-student interaction and techniques of oral reconstructive procedures.

Grading System: ABCDF

OMD5903. Oral Medicine Clinic

2 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

This course continues the students training in clinical techniques of oral physical examination, collection of diagnostic data, treatment planning, and patient management.

Grading System: ABCDF

OMD5902. Oral Medicine Clinic

1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

This course continues the students training in clinical techniques of oral physical examination, collection of diagnostic data, treatment planning, and patient management.

Grading System: ABCDF

OMTP5002. Treatment Planning II

1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

This course familiarizes students with the basics of treatment plan presentation. Patient management, communication skills and aids frequently used in case presentation will be discussed.

Grading System: ABCDF

OMTP5001. Treatment Planning I

1 credit hours | 0 clinical hrs |
2 lecture hrs | 0 lab hrs

Prerequisite: None

This course logically builds on the principles associated with the Diagnostic Method and Data Collection. The intent of the course is to review and amplify these concepts, with emphasis on data analysis/correlation, diagnosis, prognosis, and fundamentals of problem based dental/orofacial treatment planning.

Grading System: ABCDF

ORP5001. Orientation to the Profession and Ethics1 credit hours | 0 clinical hrs |
1 lecture hrs | 0 lab hrs*Prerequisite: None*

This introductory course provides a multidisciplinary overview of dental practice. It illustrates the types of services which dentists offer, introduces dental terminology, presents examples of techniques and procedures, discusses various specialty services within dentistry, and provides insight on career opportunities. It discusses curricular expectations within each general category of dental practice. Significant individuals, materials and procedures in the history of dentistry are also reviewed.

Grading System: ABCDF

PM5904. Patient Services1 credit hours | 0 clinical hrs | 0 lecture
hrs | 0 lab hrs*Prerequisite: None*

The series of Patient Services courses are designed to teach the students to utilize clinic time effectively and manage patient records, oral disease and infection control in a professional manner.

Grading System: ABCDF

PM5901. Patient Services1 credit hours | 0 clinical hrs | 0 lecture
hrs | 0 lab hrs*Prerequisite: None*

The series of Patient Services courses are designed to teach students to utilize clinic time effectively and manage patient records, oral disease and infection control in a professional manner.

Grading System: ABCDF

PM5902. Patient Services1 credit hours | 0 clinical hrs | 0 lecture
hrs | 0 lab hrs*Prerequisite: None*

The series of Patient Services courses are designed to teach students to utilize clinic time effectively and manage patient records, oral disease and infection control in a professional manner.

Grading System: ABCDF

PM5903. Patient Services1 credit hours | 0 clinical hrs | 0 lecture
hrs | 0 lab hrs*Prerequisite: None*

The series of Patient Services courses are designed to teach the students to utilize clinic time effectively and manage patient records, oral disease and infection control in a professional manner.

Grading System: ABCDF

RADD5002. Dental Radiologic Interpretation I2 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

A comprehensive course in radiologic interpretation of developmental and pathologic lesions of the jaws and associated structures.

Grading System: ABCDF

RADD5001. Radiology2 credit hours | 0 clinical hrs |
2 lecture hrs | 2 lab hrs*Prerequisite: None*

This is an introductory course in dental radiology that includes lectures and laboratory exercises in radiation physics, radiation biology, radiation safety and radiographic techniques. An introduction to radiographic film processing, darkroom maintenance, error recognition and an introduction to radiological interpretation of normal anatomy, caries, periodontal disease and periapical disease will also be presented.

Grading System: ABCDF

PM5921. Patient Services

1 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

Students enrolled in this course are completing clinical requirements related to other clinical courses. This course provides additional clinical time to complete the dentals curriculum.

Grading System: Satisfactory/Unsatisfactory

PM5922. Patient Services

1 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

Students enrolled in this course are completing clinical requirements related to other clinical courses. This course provides additional clinical time to complete the dentals curriculum.

Grading System: Satisfactory/Unsatisfactory

PM5923. Patient Services

1 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

Students enrolled in this course are completing clinical requirements related to other clinical courses. This course provides additional clinical time to complete the dentals curriculum.

Grading System: Satisfactory/Unsatisfactory

PM5924. Patient Services

2 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

Students enrolled in this course are completing clinical requirements related to other clinical courses. This course provides additional clinical time to complete the dentals curriculum.

Grading System: Satisfactory/Unsatisfactory

[Return to Course Descriptions Home](#)

DAU5901. Dental Practice Dynamics Clinic1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

This is a clinical course designed to meet the transitional practice needs of each student. Time will be spent in the areas of auxiliary utilization, four-handed sit-down dentistry, interpersonal skills, practice management, time management, and orientation to the private practice.

Grading System: ABCDF

DAU5002. Principles and Practice of Small Business Administration2 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

This course is the dental students introduction to the Principals and Practice of a Small Business Administration. From the concepts taught in this course the student will gain an understanding of the business side of dentistry. Subject matter presented in this course includes the selection of a practice area, designing the dental facility, equipping the dental office, borrowing money to finance the new practice, producing pro-forma financial documents, principles of cost and revenue, contract agreements, leasing dental equipment, bookkeeping and patient record forms, interviewing and staff selection, and business management accounting systems.

Grading System: ABCDF

DAU5001. Introduction To Operatory Procedures

1 credit hours | 0 clinical hrs | 8 lecture hrs | 0 lab hrs

Prerequisite: None

This course presents lectures on the care and maintenance of dental equipment, operation of dental operatory equipment, chair, patient, and operatory positions; instrument sterilization rationale and procedures and basic interpersonal skills.

Grading System: Satisfactory/Unsatisfactory

DAU5003. Principles and Practice of Small Business Administration3 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

This course provides dental students with a working knowledge of marketing, dental jurisprudence, legal aspects of business, tax reports, retirement planning, personal financial management, money management, dental records, third party payments, management of cash flow and budgeting, appointment control, recall systems, referral policy, the welcome letter, evaluating the practice, dental practice accounting, money management, projects and case illustrations, as they inter-relate to the private practice of dentistry.

Grading System: ABCDF

DPS5001. Dental Materials

2 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

This course uses a problem-based approach to the theory and use of materials and techniques which are critical to the successful practice of dentistry. The goal of the course is to give students a foundation of principles in dental materials science which they can apply to existing and future clinical situations.

Grading System: ABCDF

GER5001. Introduction To Geriatric Dentistry

1 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

This course is an introduction to theories, related changes and special challenges of the aging process. Topics include demography and epidemiology, root surface caries, special pharmacological considerations, sensory deficits and functional declines, psychosocial issues, dementia, treatment planning and management for the frail, functionally dependent and biologically compromised older adult.

Grading System: ABCDF

OCC5902. Occlusion Clinic

1 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

This clinical course offers the student an opportunity to develop diagnostic and treatment skills in the areas of occlusion and temporomandibular disorders. The course reinforces and reviews principles learned in previous didactic courses by requiring their application in clinical situations likely to be encountered by general dentists.

Grading System: ABCDF

OCC5901. Occlusion Clinic

1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

This clinical course offers the student an opportunity to develop diagnostic and treatment skills in the areas of occlusion and temporomandibular disorders. The course reinforces and reviews principles learned in previous didactic courses by requiring their application in clinical situations likely to be encountered by general dentists.

Grading System: ABCDF

OCC5003. Diagnosis and Treatment of Temporomandibular Disorder

2 credit hours | 0 clinical
hrs | 0 lecture hrs |
0 lab hrs

Prerequisite: None

This course introduces the student to the screening, diagnosis and treatment of temporomandibular disorders. The course also provides the experience of laboratory fabrication, and delivery of a "centric relation", full arch coverage occlusal splint.

Grading System:
ABCDF

OCC5002. Occlusal Analysis

3 credit hours | 0 clinical hrs |
8 lecture hrs | 0 lab hrs

Prerequisite: None

This course consists of lectures, laboratory and clinical procedures involved in making impressions and mounted diagnostic casts, in determining the functional status of the natural dentition, and in performing an occlusal adjustment.

Grading System: ABCDF

PRO5901. Prosthodontic Clinic

2 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

The student will examine a patient requiring removable prosthodontic care. The student will then design, construct and insert two units of removable prosthodontics, under faculty supervision, by the posted semester insertion deadline.

Grading System: ABCDF

PRO5004. Advanced Prosthodontics

3 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

This course utilizes concepts from earlier courses as a starting point. It will seek to round out and complete the students' prosthodontic experience.

Grading System: ABCDF

PRO5003. Complete Dentures

3 credit hours | 2 clinical hrs | 1 lecture hrs | 1 lab hrs

Prerequisite: None

This course extends the previously taught didactic and laboratory procedures to the clinic. A complete maxillary and mandibular denture is fabricated for an edentulous patient with major emphasis on correlating for the patient's biological milieu with the clinical aspects of complete prosthodontics.

Grading System: ABCDF

RES5904. Restorative Clinic

7 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

Students provide a variety of restorative procedures to patients in a supervised comprehensive clinical environment. Procedures include direct composites and amalgams and indirect crown and bridge.

Grading System: ABCDF

RES5001. Operative Dentistry

6 credit hours | 0 clinical hrs | 2 lecture hrs | 6 lab hrs

Prerequisite: None

Principles and techniques of conservative cavity preparation and restoration of teeth with silver amalgam and esthetic restorative materials are taught in the course. Laboratory treatment of simulated permanent teeth and extracted human teeth is utilized to teach basic restorative concepts.

Grading System: ABCDF

RES5004. Fixed Prosthodontic Seminar

1 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

This course is to provide the dental student introductory knowledge on clinical crown and bridge dentistry. It presents the fundamental aspects of clinical fabrication of a fixed partial prosthesis. Laboratory courses taught are designed to develop psychomotor and cognitive knowledge of the student, with primary emphasis on mastering laboratory simulated clinical procedures.

Grading System: ABCDF

RES5005. Esthetic Restorative Dentistry

3 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

The goal of this course is to provide an exposure of the special didactic and clinical requirements of esthetic restorations such as: all ceramic- full-coverage crowns, porcelain veneers, direct posterior composites, custom characterization and glazing of porcelain restorations, and vital bleaching procedures. In addition, students will learn to evaluate and document the esthetic needs of patients through the use of a Smile Analysis and intra-oral photography. Periodontal considerations for esthetic rehabilitation will be reviewed.

Grading System: ABCDF

RES5006. Restorative Seminar

1 credit hours | 0 clinical hrs | 0 lecture hrs |
0 lab hrs

Prerequisite: None

This lecture/seminar course reviews advances and research in restorative materials and techniques.

Grading System: ABCDF

RES5901. Restorative Clinic

5 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

The purpose of this clinical course during the junior year is to provide the student with the opportunity to gain clinical experience and skill while demonstrating independent clinical knowledge and technical skills for a variety of indirect and direct restorative procedures.

Grading System: ABCDF

RES5902. Restorative Clinic

5 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

The purpose of this clinical course during the junior year is to provide the student with the opportunity to gain clinical experience and skill while demonstrating independent clinical knowledge and technical skills for a variety of indirect and direct restorative procedures.

Grading System: ABCDF

RES5903. Restorative Clinic

7 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

This course is designed to allow the student the opportunity to complete the senior year requirements and to begin preparing for the regional boards. The course is confirmation of the student clinical skills and knowledge, and assessment of the ability of the student to perform both quality dentistry and a quantity of dentistry with a given time period.

Grading System: ABCDF

PRO5002. Removable Partial

5 credit hours | 0 clinical hrs |
5 lecture hrs | 3 lab hrs

Prerequisite: None

This laboratory technique course stresses the fundamentals of proper RPD design and fabrication. Emphasis is on examination, diagnosis, sequential treatment planning and mouth preparation including occlusal modification to assure optimal stability and occlusal harmony of the RPD(s) in function.

Grading System: ABCDF

RES5002A. Fixed Prosthodontics I

7 credit hours | 0 clinical
hrs | 1 lecture hrs | 3 lab hrs

Prerequisite: None

Students are introduced to principles and techniques encountered in the preparation of teeth and subsequent fabrication and delivery of gold castings and provisional restorations for posterior single-tooth restorations, as well as the preparation of posterior teeth for a cast gold fixed partial denture.

Grading System: ABCDF

RES5003A. Fixed Prosthodontics II

4 credit hours | 0 clinical
hrs | 2 lecture hrs | 6 lab hrs

Prerequisite: None

Lecture and laboratory segments present fundamentals of abutment preparation, retainer and pontic design for fabrication of fixed partial prostheses and single units in all metal and ceramic veneers on vital and endodontically treated teeth.

Grading System: ABCDF

PRO5902AB. Prosthodontic Clinic

2 credit hours | 3 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

The student will examine patients requiring removable prosthodontic care. The student will then design, construct and insert three additional units of removable prosthodontics (total of 9) by the end of the 11th semester. Two of these units will be designated as a Test Case and will be considered the Patient Related Competency for this course. The Test case will be observed and competency evaluated at five points: maxillary final impression, mandibular final impression, jaw relation records, wax try-in, and insertion. Additionally an RPD recall, or an acceptable substitute, must be completed by the end of the semester.

Grading System: ABCDF

PRO5902BB. Prosthodontic Clinic

2 credit hours | 3 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

The student will examine patients requiring removable prosthodontic care. The student will then design, construct and insert three additional units of removable prosthodontics (total of 9) by the end of the 11th semester. Two of these units will be designated as a Test Case and will be considered the Patient Related Competency for this course. The Test case will be observed and competency evaluated at five points: maxillary final impression, mandibular final impression, jaw relation records, wax try-in, and insertion. Additionally an RPD recall, or an acceptable substitute, must be completed by the end of the semester.

Grading System: ABCDF

OCCL5001. Dental Anatomy and Occlusion

7 credit hours | 0 clinical hrs |
3 lecture hrs | 6 lab hrs

Prerequisite: None

This course includes material from two very closely related topics: dental anatomy and occlusion of the natural dentition. The dental anatomy component introduces the student to the morphology of the primary and permanent dentition. Throughout the course, tooth arch traits, type traits, specific developmental and eruption features, as well as anomalies, will be stressed for both primary and permanent dentitions. In addition, a preliminary overview to gross structure of the masticatory system, periodontal anatomy, internal root anatomy is presented.

Grading System: ABCDF

RDCT5001. Statistics, Epidemiology and the Scientific Method

2 credit hours | 0 clinical hrs |
1 lecture hrs | 0 lab hrs

Prerequisite: None

The current trend is for dental professionals to use the scientific method as the most appropriate approach for acquiring knowledge and for developing its own body of knowledge. The purpose of this course is to explore the body of knowledge that is required for the existence of the dental profession. This goal will be met by critically evaluating dental literature for its importance and practical application and by completing and presenting evidence based research.

Grading System: ABCDF

PROS5001AB. Preclinical Complete Dentures

1 credit hours | 0 clinical hrs |
2 lecture hrs | 6 lab hrs

Prerequisite: OCC5001

Lecture and laboratory sessions on the philosophy and techniques in the fabrication of complete dentures. Material includes, oral examinations, preliminary and final impressions, maxillomandibular records, denture tooth selection, factors and philosophies of denture occlusion, setting teeth in a nonbalanced and a balanced lingualized occlusion, verifying maxillomandibular records, denture processing, correction of processing errors, completion and insertion of complete dentures and effective cusp angles.

Grading System: ABCDF

PROS5001BB. Preclinical Complete Dentures

5 credit hours | 0 clinical hrs |
1 lecture hrs | 3 lab hrs

Prerequisite: OCC5001

Lecture and laboratory sessions on the philosophy and techniques in the fabrication of complete dentures. Material includes, oral examinations, preliminary and final impressions, maxillomandibular records, denture tooth selection, factors and philosophies of denture occlusion, setting teeth in a nonbalanced and a balanced lingualized occlusion, verifying maxillomandibular records, denture processing, correction of processing errors, completion and insertion of complete dentures and effective cusp angles.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

ORTH5001. Orthodontics I

2 credit hours | 0 clinical hrs |
2 lecture hrs | 1 lab hrs

Prerequisite: None

This course is an introduction to orthodontics and is designed to provide the student with the knowledge base necessary to identify existing and developing problems associated with dental and/or skeletal malocclusions.

Grading System: ABCDF

ORTH5002. Orthodontics II

2 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

This is a lecture and laboratory course designed to acquaint the student with the indications for and usage of various orthodontic treatment modalities. Basic orthodontic biomechanical principles and their application will be presented. Special emphasis will be placed on the management of adjunctive orthodontic procedures which the student will be performing in clinic. Laboratory projects will provide a hands on simulation of adjunctive orthodontic techniques presented in lecture.

Grading System: ABCDF

ORTH5901. Orthodontic Clinic

1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

The predoctoral orthodontic clinical experience provides the student with the opportunity to participate in the treatment of a patient with relatively uncomplicated dentoalveolar problems, involving primarily adjunctive or interceptive orthodontic treatment

Grading System: ABCDF

[Return to Course Descriptions Home](#)

PEDO5003. Dentistry for the Disabled Patient

1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

The goal of this course is to sensitize the dental student to the needs of developmentally and physically disabled patients and to provide essential information pertaining to dental care for these patients.

Grading System: ABCDF

PEDO5001. Preclinical Pediatric Dentistry

3 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

This course is designed to provide the didactic material and laboratory techniques necessary to prepare the students to diagnose, treatment plan and provide dental treatment for the typical child patient.

Grading System: ABCDF

PEDO5002. Pediatric Dentistry Seminar

1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

This seminar course reviews, updates and expands into areas beyond those covered in the preclinical pediatric dentistry course. Aspect of children's dentistry which are covered include: growth and development; pathology: pulp and trauma management; caries, prevention and restorative dentistry; tooth development, periodontology and oral surgery; child behavior; tooth eruption and diastemas; crossbites and space maintenance; occlusion, cephalometrics and serial extraction; radiology; and orthodontics and relapse.

Grading System: ABCDF

PEDO5901. Pediatric Dentistry Clinic

1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

The purpose of this course is to provide opportunities for the students to diagnose, treatment plan and provide dental treatment for the typical child patient.

Grading System: ABCDF

PEDO5902. Pediatric Dentistry Clinic

2 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

This course provides additional opportunities for students to diagnose, treatment plan and provide comprehensive dental treatment for the typical child patient.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

PER5902. Periodontic Clinic1 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

This is a clinical course in which the student, under faculty supervision, can diagnose his/her patients' periodontal conditions and treat mildly involved cases. The need for early treatment, effective patient-performed disease-control measures, timely dentist-provided maintenance care and the positive outcome deriving from them is emphasized. The student is expected to make continuing progress toward fulfilling department graduation requirements.

Grading System: ABCDF

PER5903. Periodontic Clinic2 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

This is a clinical course in which the student, under faculty supervision, is expected to adequately diagnose his or her patients' periodontal conditions, plan and satisfactorily provide treatment for mildly involved cases, gain a minimum of surgical experience and demonstrate competency in root planing. The student must demonstrate satisfactory maintenance of the periodontal health for all assigned cases.

Grading System: ABCDF

PER5901. Periodontic Clinic2 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs*Prerequisite: None*

This is a clinical course in which the student, under faculty supervision, can adequately diagnose his/her patients periodontal conditions and provide treatment for mildly involved cases. The need for early treatment, effective patient performed disease control measures, and timely dentist-provided maintenance care is emphasized.

Grading System: ABCDF

PER5004. Periodontology in a General Practice2 credit hours | 0 clinical
hrs | 0 lecture hrs | 0 lab hrs*Prerequisite: None*

This course reviews and updates periodontal subjects in seminar discussions with emphasis on clinical application and patient care in the private practice setting. Senior dental students and dental hygienists cooperate in the treatment of patients on a maintenance schedule. Emphasis is placed on solving clinical periodontal problems of patients.

Grading System: ABCDF

PER5003. Contemporary Topics in Periodontology

1 credit hours | 0 clinical hrs | 0 lecture hrs | 0 lab hrs

Prerequisite: None

Lectures are presented on surgical protocol, acute periodontal conditions, early onset periodontitis, HIV and periodontal disease, diabetes and periodontal disease, trauma from occlusion, furcation management and periodontal regeneration. Lecture and laboratory exercises on ultrasonic instrumentation are presented. Controversies in periodontics are discussed.

Grading System: ABCDF

PER5002. Surgical Periodontics

1 credit hours | 0 clinical hrs | 1 lecture hrs | 0 lab hrs

Prerequisite: None

This course is designed to introduce the student to basic surgical techniques available to manage selected periodontal cases. Material covered will include surgical techniques such as the gingivectomy, Modified Widman Flap, open flap curettage, apically positioned flap, etc. The laboratory exercise in this course is designed to provide the student with an opportunity to gain limited hands-on pre-clinical surgical experience.

Grading System: ABCDF

PER5001. Fundamentals of Periodontology

3 credit hours | 4 clinical hrs | 1 lecture hrs | 3 lab hrs

Prerequisite: None

This course provides lectures, seminars, laboratories and clinical exercises to introduce the student to periodontology. Lecture topics include epidemiology and classification of periodontal diseases, periodontal pathology and etiology, assessment of etiological factors such as medical and dental history, soft tissue exam probing depth, clinical attachment levels, recession, bleeding, mobility, furcations, introgenics, charting and radiographs, diagnosis and prognosis, scaling and root planing instrumentation, treatment planning, periodontal clinic protocol, plaque control and special ODC, response to instrumentation, maintenance of the patient, considerations in restorative and prosthetic treatment and behavior modification. Seminars provide discussion on treatment planning and reviews of periodontology. Laboratories provide for development of the student's understanding of clinical color changes, probing, root surface instrumentation and its differentiation from enamel surface instrumentation, practical exercises in instrumentation along with calculus removal, demonstrations of the proper instrument sharpening technique and instrument care. Clinical exercises include a color assessment, probing exercise, practical scaling/polishing on a paired student and treatment on two actual scale/polish patients.

Grading System: ABCDF

PER5904. Periodontic Clinic

2 credit hours | 0 clinical hrs |
0 lecture hrs | 0 lab hrs

Prerequisite: None

This course is designed to allow the student the opportunity to complete the senior year requirements and to begin preparing for the regional boards. The course is confirmation of the student clinical skills and knowledge, and assessment of the ability of the student to perform both quality dentistry and a quantity of dentistry with a given time period.

Grading System: ABCDF

[Return to Course Descriptions Home](#)

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Health Information Management

- [Health Information Management Home Page](#)
- [Admission Requirements](#)
- [Estimated Fees and Expenses](#)
- [Curriculum](#)
- [Academic Policies](#)
- [Master of Health Education and Master of Science](#)
- [Course Descriptions](#)

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[Catalog](#) | [A-Z Index](#) | [MCG Home](#)

[Allied Health Sciences](#) | [Health Information Management](#)

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Admission Criteria

[Traditional 2+2 transfer program](#)

[One-year certificate program for college graduates](#) with bachelors degrees in allied health, nursing or business administration

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Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

General Admission Criteria

One-year Post-baccalaureate Certificate Program

Admission is based on the applicant's prior academic performance at the college level and on an assessment of the applicant's motivation and personal qualities needed to successfully complete the program. Specific requirements for all post-baccalaureate applicants include

1. Bachelor's degree from an accredited college or university.
2. Submission of transcripts from all prior colleges or universities attended.
3. Two letters of recommendation.
4. Interview by departmental faculty.
5. Completion of prerequisite courses in accounting (three semester hours) and micro-computer applications with lab, including word processing and spreadsheets (three semester hours).
6. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

Applicants whose degrees are in allied health science or nursing are required to show

1. Proof of active or current registration or license in an allied health or nursing profession.
2. At least two years of clinical experience.

Applicants whose degrees are in business are required to show proof of a baccalaureate degree in business administration.

Application Procedures

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

Applications for admission are encouraged by July 1, but will continue to be processed until the class has been filled.

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Catalog 2003-2004

[Course Descriptions](#)**Additional Links:**[Research](#)[Library](#)[Faculty](#)

Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, estimated expenses specific to health information administration are shown below. These figures are based upon the normal experience of our students. In some cases, costs may be higher.

	First Year	Second Year
Books and supplies	\$ 850	\$ 400
Professional liability insurance	15	15
Other (travel, graduation, etc.)	235	450
Total	\$1,100	\$1,040

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May 23, 2002

Medical College of Georgia

[Catalog](#) | [A-Z Index](#) | [MCG Home](#)

[Allied Health Sciences](#) | [Health Information Management](#)

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Curriculum

[Traditional 2+2 transfer program](#)

[One-year certificate program for college graduates](#) with bachelors degrees in allied health and nursing.

[One-year certificate program for college graduates](#) with bachelors degrees in business administration.

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Catalog 2003-2004

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Curriculum

Traditional 2+2 Transfer Program

The curriculum is four semesters long and includes practice in hospitals in addition to the lectures and laboratory experiences which take place on the MCG campus.

The curriculum which follows is representative of the course distribution. Because professional needs are changing with new developments in health care delivery, the curriculum is constantly under evaluation and revision. The departmental faculty reserves the right to make adjustments in the curriculum as necessary to assure the development of required competencies.

	Credit Hours
Junior Year	
Fall	
HIM 3101 Management Principles	4
HIM 3206 Introduction to Health Information Management	3
HIM 3207 Healthcare Statistics and Data Management	2
HIM 3208 Record Processing Practicum	2
HIM 3312 Medical Terminology	2
HIM 3516 Computer Fundamentals for Health Care	4
Semester Total	17
Spring	
HIM 3102 Human Resource Management	4
HIM 3103 Managerial Practicum	2
HIM 3314 Pathophysiology and Essentials of Pharmacology	5
HIM 3415 Health Data Classifications and Coding Systems	3
HIM 3517 Introduction to Database Design and Health Information Systems	4

	Semester Total	18
Senior Year		
Fall		
HIM 4104	Budget and Finance	3
HIM 4209	Legal Aspects and Ethics	2
AHS 3610	Ethics for Health Professionals	1
HIM 4210	Quality Management	3
HIM 4416	Procedural Coding and Principles of Reimbursement	3
HIM 4518	Advanced Database Design and Health Information Systems Analysis	4
HIM 4622	Statistics and Research Methodology	3
	Semester Total	19
Spring		
HIM 4105	Management Capstone	2
HIM 4211	Health Care Delivery Systems	2
HIM 4519	Systems Design Implementation	2
HIM 4722	Administrative Practicum	9
	Semester Total	15
	PROGRAM TOTAL	69

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Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)[Library](#)[Faculty](#)

Curriculum

One-year Post-baccalaureate Certificate Program

Allied Health/Nursing Majors

The curriculum is three semesters long and includes practice in hospitals in addition to the lectures and laboratory experiences which take place on the MCG campus.

The curriculum which follows is representative of the course distribution. Because professional needs are changing with new developments in health care delivery, the curriculum is constantly under evaluation and revision. The departmental faculty reserves the right to make adjustments in the curriculum as necessary to assure the development of required competencies.

	Credit Hours
Fall	
HIM 3101 Management Principles	4
HIM 3207 Healthcare Statistics and Data Management	2
HIM 4104 Budget and Finance	3
HIM 3206 Introduction to Health Information Management	3
HIM 3000 Legal Aspects of HIM (5-week module)	1
HIM 3001 Quality Management (5-week module)	1
Semester Total	14
Spring	
HIM 3102 Human Resource Management	4
HIM 3415 Health Data Classification and Coding Systems(ICD9)	3
HIM 3002 Computer Fundamentals (5-week module)	1
HIM 3003 Introduction to Health Information Systems (5-week module)	1
HIM 3004 Systems Analysis and Design (5-week module)	1

	Semester Total	10
Summer		
HIM 3005	Practicum (10 weeks)	2
	Semester Total	2

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Catalog 2003-2004

[Course Descriptions](#)

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Curriculum

One-year Post-baccalaureate Certificate Program Business Administration Majors

The curriculum is three semesters long and includes practice in hospitals in addition to the lectures and laboratory experiences which take place on the MCG campus.

The curriculum which follows is representative of the course distribution. Because professional needs are changing with new developments in health care delivery, the curriculum is constantly under evaluation and revision. The departmental faculty reserves the right to make adjustments in the curriculum as necessary to assure the development of required competencies.

	Credit Hours
Fall	
HIM 3207 Healthcare Statistics and Data Management	2
HIM 3206 Introduction to Health Information Management	3
HIM 3000 Legal Aspects of HIM (5-week module)	1
HIM 3001 Quality Management (5-week module)	1
HIM 3312 Medical terminology	2
Semester Total	9
Spring	
HIM 3415 Health Data Classifications and Coding Systems	3
HIM 3314 Pathophysiology and Essentials of Pharmacology	5
HIM 3006 Office Administration (5-week module)	1
AHS 3690 Information Technology in Health Care	1

HIM 3007	Procedural Coding and Principles of Reimbursement (5-week module)	1
	Semester Total	11
Summer		
HIM 3005	HIA Practicum (10 weeks)	2
	Semester Total	2

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Medical College of Georgia

[Catalog](#) | [A-Z Index](#) | [MCG Home](#)

[Allied Health Sciences](#) | [Health Information Management](#)

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Academic Promotion and Graduation

Students must make a C or better in all professional courses to continue in the program.

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May 23, 2002

[General Information](#)

[Programs of Study](#)

Research Opportunities

- [Medical College of Georgia](#)
- [University of Georgia](#)
- [Georgia Institute of Technology](#)
- [Georgia State University](#)

[Frequently Asked Questions](#)

[M.D./Ph.D. Application](#)

M.D./Ph.D. Program General Information

Research Facilities

State-of-the-art research facilities are available at all four research campuses of the M.D./Ph.D. program. In addition, a number of course facilities aid in important key technologies, including DNA sequencing facilities at MCG and UGA, peptide synthesis and sequencing facilities at MCG and UGA, a monoclonal antibody facility at UGA, a transgenic and knock-out mouse facility associated with the Institute for Molecular Medicine and Genetics at MCG, and fluorescence imaging facility at MCG. The libraries of the four research campuses are connected through the World Wide Web and share information on periodicals and publications.

Financial Aid

Funding for the M.D./Ph.D.. Program comes from the State of Georgia and other institutional funds. Students in the M.D./Ph.D. Program receive a tuition waiver during all years of the program. The stipend for students beginning July 1, 2002 is \$19,000, and stipend support is maintained throughout all years of the program. No unfunded students are supported in the program.

Cost of Study

Most academic costs are covered by the M.D./Ph.D. program except for a \$25 per semester reduced tuition and fees totaling approximately \$405 in fall, \$268 in spring, and \$220 in summer. Students are responsible for optional comprehensive health insurance. Microscope rental is presently \$60 per year. The expense of supplies, instruments, and books in the first year is estimated at \$1900, with lower costs in subsequent years.

Living and Housing Costs

Both on-campus and off-campus housing is available. The present on-campus housing rate (with utilities and phone) is estimated at \$248 per month. The present off-campus housing rate (with utilities and phone) is estimated at \$373 per month.

Student Group

The M.D./Ph.D. Program admits 4-6 students per year out of a class of approximately 180 medical students. There are presently 22 students enrolled in the program at various levels of study.

Location

The August metropolitan area, with a population of more than 400,000, is the second-largest metropolitan area in Georgia. Augusta is located between the Atlantic Ocean and the Appalachian Mountains with easy access to a number of outdoor activities, including hiking, sailing, and river rafting. Cultural life in Augusta includes a professional civic symphony, an opera company, and a ballet company. Both Atlanta and Savannah are 2 1/2-hour drives from Augusta. The University of Georgia is located in Athens, which lies approximately halfway between Augusta and Atlanta. Both the Georgia Institute of Technology and Georgia State University are located in Atlanta.

The College

Founded in 1828, the Medical College of Georgia is the eleventh-oldest continuously operating medical education institution in the United States and is third-oldest medical school in the Southeast. The Medical College is the health sciences university of the University System of Georgia. The Medical College of Georgia includes a 540-bed teaching hospital, and a regional Children's Medical Center.

Applying

Students applying to the M.D./Ph.D. require previous substantive research experience. Interested students should apply to the Medical College of Georgia through the American Medical College Application Service (AMCAS) and check the appropriate box on the secondary application form. MCAT scores are required for application, but no GRE scores are

needed. Admission to the program is not limited to residents of the State of Georgia. Qualified candidates will be interviewed by 2 members of the M.D./Ph.D. committee in addition to their regular medical school interviews.

Correspondence and Information

Administrator, M.D./Ph.D. Program
Medical College of Georgia
CB 2803
1120 Fifteenth Street
Augusta, GA 30912
Telephone: 706/721-6306
Fax: 706/721-7915

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November 19, 2003

[General Information](#)

[Programs of Study](#)

Research Opportunities

• [Medical College of Georgia](#)

• [University of Georgia](#)

• [Georgia Institute of Technology](#)

• [Georgia State University](#)

[Frequently Asked Questions](#)

[M.D./Ph.D. Application](#)

M.D./Ph.D. Program Programs of Study

Graduate research training available in the research units of the university system includes the following:

[Medical College of Georgia, Augusta](#)

[Cellular Biology and Anatomy](#)

[Biochemistry and Molecular Biology](#)

[Institute of Molecular Medicine and Genetics](#)

[Pharmacology and Toxicology](#)

[Physiology and Endocrinology](#)

[Vascular Biology](#)

[University of Georgia, Athens](#)

[Biochemistry and Molecular Biology](#)

[Cellular Biology](#)

[Genetics](#)

[Microbiology](#)

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[Georgia Institute of Technology, Atlanta](#)

[Bioengineering](#)

[Chemistry](#)

[Georgia State University, Atlanta](#)

[Biology](#)

[Chemistry](#)

[Psychology](#)

Research opportunities available for graduate research include:

- Molecular genetic

- Signal transduction
- Developmental biology
- Neurobiology
- Endocrinology
- Growth factor biology
- Biomedical engineering
- Medicinal chemistry
- Molecular structure
- Immunology
- Vascular biology

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April 15, 2004

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For information on the Graduate Program contact: Dr. Dale Sickles,
dsickles@mail.mcg.edu

**1459 Laney Walker Blvd. (CB2915)
Augusta, Ga. 30912
706-721-3731
Dr. Sally Atherton,
Chair**



Cellular Biology and Anatomy

Research programs in the Department of Cellular Biology and Anatomy contribute new knowledge in several areas of cellular and structural biology including development, cancer, vision, neuroscience, cell growth, and wound healing. Students in the departmental Ph.D. program select from a variety of research training opportunities ranging from the molecular to the whole organism. However, irrespective of the focus of the research project, the goals of the departmental graduate program are to provide a training environment in which original biomedical research of the highest quality is promoted that will prepare trainees for careers in the biomedical sciences (research, teaching, clinical in an academic or business environment).

Members of the department also participate in anatomy, cell biology, histology, neuroscience/neuroanatomy courses for medical, allied health, undergraduate, and graduate students, and training is available for graduate students who are interested in acquiring teaching skills in the traditional anatomic sciences.

[Cellular Biology and Anatomy](#)

[School of Medicine](#) | [School of Graduate Studies](#)

Medical College of Georgia

Department of Biochemistry and Molecular Biology

[A-Z Index](#) | [MCG Home](#) | [Site Search](#)

[Faculty](#)

[Staff](#)

[Graduate Students](#)

[Graduate Education](#)

[Microbiology & Biodefense](#)

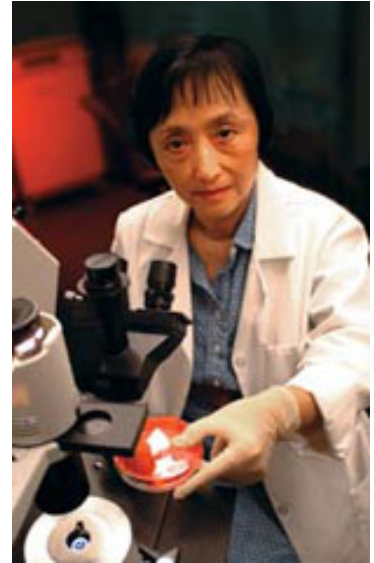
[Genomics Core Facility](#)

[Metabolic Testing Lab](#)

[WWW Sites of Interest](#)

[Augusta Area](#)

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December 11, 2003

Catalog 2003-2004

[Course Descriptions](#)

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[Research](#)

[Library](#)

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School of Medicine

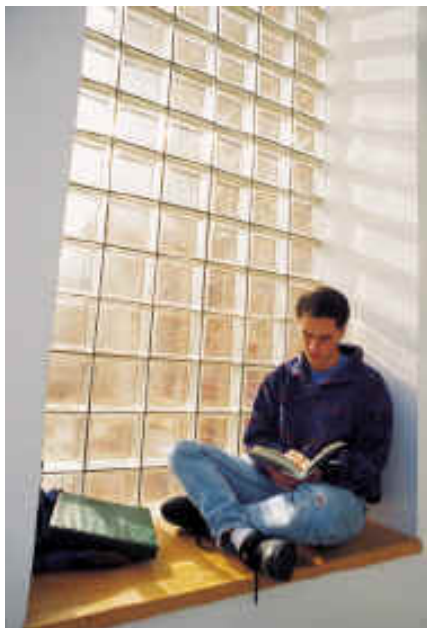
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Please email comments, suggestions or questions to:
Admissions, underadm@mcg.edu

October 07, 2003



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2003 - 2004 Drop/Add Deadlines	
September	08.08.03
October	09.05.03
November	10.03.03
December	10.31.03
January	12.12.03
February	01.09.04
March	02.06.04
April	03.05.04
May	04.09.04
June	05.07.04

Contact Information:

1459 Laney Walker Blvd., CB-1841

Academic Calendars

2003 - 2004	Phase I	Phase II	Phase III
2004 - 2005	Phase I	Phase II	Phase III
2005 - 2006	Phase I	Phase II	Phase III
2006 - 2007	Phase I	Phase II	Phase III

School of Medicine Curriculum

[Medical School Objectives](#)

[Description of the Curriculum](#)

[Curriculum Integration](#) **NEW!**

[Draft of Grading and Exams for 2004-2005](#) **NEW!**

[Course Directors](#)

[Curriculum Oversight Schematic](#) [PDF]

[Evaluation Services](#)

Information for Current Students

Phase I

[Policies and Procedures](#)

[2003 - 2004 Course Schedule](#)

[2003 - 2004 Exam Schedule](#)

[2003 - 2004 Elective Bulletin](#) **NEW!**

Phase II

[Policies and Procedures](#)

[2003 - 2004 Course Schedule](#)

[2003 - 2004 Exam Schedule](#)

Phase III

[Students for Intercultural Medicine \(SIM\)](#)

[Curriculum Resources](#)

[Standard Policies and Procedures for the Core Clerkships](#)

[2003 - 2004 Elective Bulletin](#)

[2004 - 2005 Elective Bulletin](#)

Augusta, Georgia 30912

Phone: (706) 721-3217

Fax: (706) 721-7244

[2004 - 2005 Rotation Schedule and Drop/Add Deadlines](#)

[2003 - 2004 Junior Core Rotation Schedule](#) [PDF]

[2004 - 2005 Junior Core Rotation Schedule](#) [PDF]

[The NBME Website](#)

Curriculum Office Forms

[Application for Off-Campus and / or Special Elective Approval](#)

[\(Green Sheet\)](#) [PDF]

[Schedule Change Form](#) [Interactive PDF]

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Phase I Academic Calendar 2003-2004

First Semester—Fall Semester

Registration	August 7-8, 2003
First day of classes	August 11, 2003
Labor Day	September 1, 2003
Thanksgiving Vacation	November 26-30, 2003
Last day of classes	December 11, 2003
Test Days	December 12-19, 2003

Second Semester—Spring Semester

First day of classes	January 2, 2004
Martin Luther King, Jr. Holiday	January 19, 2004
Spring Break	April 5-11, 2004
Last day of classes	May 7, 2004
Test days	May 10-14, 2004

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Phase II Academic Calendar 2003-2004

First Semester

Registration Deadline	August 8, 2003
First day of classes	August 11, 2003
Labor Day	September 1, 2003
Thanksgiving Vacation	November 26-30, 2003
Last day of classes	December 19, 2003

Second Semester

First day of classes	January 2, 2004
Martin Luther King, Jr. Holiday	January 19, 2004
Spring Break	April 5-11, 2004
Last day of classes	May 4, 2004
Test days	May 5-7, 2004

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* The last official deadline for dropping is three weeks before the elective begins. All dropping and adding is done through the Curriculum Office.

If a student withdraws from a scheduled elective, with special permission after the last scheduled drop date, the elective will appear on their official transcript with the designation "W" (withdrew). The student will not be allowed to enroll in another elective for credit during this period.

This schedule is subject to change.

Phase III Rotation Schedule 2003-2004

	Begins	Ends	Weeks	Drop/Add Deadline*
June Rotation for Class of 2005	June 2	June 29	4	May 9, 2003
July Rotation	July 7	August 3	4	June 13, 2003
August Rotation	August 4	August 31	4	July 11, 2003
September Rotation	September 1	September 28	4	August 8, 2003
October Rotation	September 29	October 26	4	Sept. 5, 2003
November Rotation	October 27	November 23	4	October 3, 2003
December Rotation	November 24	November 26	1	October 31, 2003
Thanksgiving Holidays for all students		November 27–November 30, 2003		
December Rotation	December 1	December 21	4	
Christmas Holidays for Phase III students		December 22–January 4, 2004		
January Rotation	January 5	February 1	4	Dec. 12, 2004
February Rotation	February 2	February 29	4	Jan. 9, 2004
March Rotation	March 1	March 28	4	Feb. 6, 2004
April Rotation	March 29	April 4	1	March 5, 2004
Spring Holidays for all students		April 5–11, 2004		
Return for April	April 12	May 2	3	
May Rotation	May 3	May 30	4	April 9, 2004
June Rotation	May 31	June 27	4	May 7, 2004
Graduation–Friday May 7, 2004				
Six-Week Rotation Dates				
1. July 7, 2003 – August 17, 2003				
2. August 18, 2003 – September 28, 2003				
3. September 29, 2003 – November 9, 2003				
4. November 10, 2003 – December 21, 2003				
5. January 5, 2004 – February 15, 2004				
6. February 16, 2004 – March 28, 2004				
7. March 29, 2004 – May 16, 2004				
8. May 17, 2004 – June 27, 2004				

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Phase I Academic Calendar 2004-2005

First Semester—Fall Semester

Registration	August 5-6, 2004
First day of classes	August 9, 2004
Labor Day	September 6, 2004
Thanksgiving Vacation	November 24-28, 2004
Last day of classes	December 9, 2004
Test Days	December 10-17, 2004

Second Semester—Spring Semester

First day of classes	January 4, 2005
Martin Luther King, Jr. Holiday	January 17, 2005
Spring Break	April 4-10, 2005
Last day of classes	May 13, 2005
Test days	May 16-20, 2005

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Phase II Academic Calendar 2004-2005

First Semester

Registration Deadline	August 6, 2004
First day of classes	August 9, 2004
Labor Day	September 6, 2004
Thanksgiving Vacation	November 24-28, 2004
Last day of classes	December 17, 2004

Second Semester

First day of classes	January 4, 2005
Martin Luther King, Jr. Holiday	January 17, 2005
Spring Break	April 4-10, 2005
Last day of classes	May 10, 2005
Test days	May 11-13, 2005

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If a student withdraws from a scheduled elective, with special permission after the last scheduled drop date, the elective will appear on their official transcript with the designation "W" (withdrew). The student will not be allowed to enroll in another elective for credit during this period.

This schedule is subject to change.

Phase III Rotation Schedule 2004-2005

	Begins	Ends	Weeks	Drop/Add Deadline*
June Rotation for Class of 2006	May 31	June 27	4	May 7, 2004
July Rotation	July 5	August 1	4	June 11, 2004
August Rotation	August 2	August 29	4	July 9, 2004
September Rotation	August 30	September 26	4	August 6, 2004
October Rotation	September 27	October 24	4	Sept. 3, 2004
November Rotation	October 25	November 21	4	October 1, 2004
December Rotation	November 22	November 24	1	October 29, 2004
Thanksgiving Holidays for all students		November 25–November 28, 2004		
December Rotation	November 29	December 19	3	
Christmas Holidays for Phase III students		December 20–January 2, 2005		
January Rotation	January 3	January 30	4	Dec. 10, 2004
February Rotation	January 31	February 27	4	Jan. 7, 2005
March Rotation	February 28	March 27	4	Feb. 4, 2005
April Rotation	March 28	April 3	1	March 4, 2005
Spring Holidays for all students		April 4–10, 2005		
Return for April	April 11	May 1	3	
May Rotation	May 2	May 29	4	April 8, 2005
June Rotation	May 30	June 26	4	May 6, 2005
Graduation–Friday May 13, 2005				
Six-Week Rotation Dates				
1. July 5, 2004 – August 15, 2004				
2. August 16, 2004 – September 26, 2004				
3. September 27, 2004 – November 7, 2004				
4. November 8, 2004 – December 19, 2004				
5. January 3, 2005 – February 13, 2005				
6. February 14, 2005 – March 27, 2005				
7. March 28, 2005 – May 15, 2005				
8. May 16, 2005 – June 26, 2005				

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Phase I Academic Calendar 2005-2006

First Semester—Fall Semester

Registration	August 4-5, 2005
First day of classes	August 8, 2005
Labor Day	September 5, 2005
Thanksgiving Vacation	November 23-27, 2005
Last day of classes	December 8, 2005
Test Days	December 9-16, 2005

Second Semester—Spring Semester

First day of classes	January 3, 2006
Martin Luther King, Jr. Holiday	January 16, 2006
Spring Break	April 3-9, 2006
Last day of classes	May 12, 2006
Test days	May 15-19, 2006

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Phase II Academic Calendar 2005-2006

First Semester

Registration Deadline	August 5, 2005
First day of classes	August 8, 2005
Labor Day	September 5, 2005
Thanksgiving Vacation	November 23-27, 2005
Last day of classes	December 16, 2005

Second Semester

First day of classes	January 3, 2006
Martin Luther King, Jr. Holiday	January 16, 2006
Spring Break	April 3-9, 2006
Last day of classes	May 9, 2006
Test days	May 10-12, 2006

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Phase I Academic Calendar 2006-2007

First Semester—Fall Semester

Registration	August 3-4, 2006
First day of classes	August 7, 2006
Labor Day	September 4, 2006
Thanksgiving Vacation	November 22-26, 2006
Last day of classes	December 7, 2006
Test Days	December 8-15, 2006

Second Semester—Spring Semester

First day of classes	January 2, 2007
Martin Luther King, Jr. Holiday	January 15, 2007
Spring Break	April 2-8, 2007
Last day of classes	May 11, 2007
Test days	May 14-18, 2007

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Phase II Academic Calendar 2006-2007

First Semester

Registration Deadline	August 4, 2006
First day of classes	August 7, 2006
Labor Day	September 4, 2006
Thanksgiving Vacation	November 22-26, 2006
Last day of classes	December 15, 2006

Second Semester

First day of classes	January 2, 2007
Martin Luther King, Jr. Holiday	January 15, 2007
Spring Break	April 2-8, 2007
Last day of classes	May 8, 2007
Test days	May 9-11, 2007

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Students](#)

Principal Educational Goal for Undergraduate Medical School Education

The principal goal is to foster development of knowledge, skills, attitudes, and values that effectively prepare students to enter postgraduate training in a rapidly changing healthcare environment.

Medical School Objectives

Physicians must be altruistic.

Graduates will have demonstrated the following:

- Knowledge of the bases governing ethical decision making.
- Compassionate patient care and respect for the privacy and dignity of their patients.
- Honesty and integrity in all interactions with patients' families, colleagues, and others with whom physicians must interact professionally.
- An understanding of, and respect for, the roles of other health care professionals, and of the need to collaborate with others in providing care for individuals and populations.
- An understanding of the threats posed by conflicts of interest in medical practice.
- The capacity to recognize and accept limitations in one's knowledge and clinical skills.

Physicians must be knowledgeable.

Graduates will have demonstrated the following:

- Knowledge of normal structure and function and embryonic development of the body.
- Knowledge of molecular, biochemical, and cellular mechanisms regulating homeostasis.
- Knowledge of molecular, biochemical, and cellular mechanisms underlying the pathology of disease.
- Knowledge of pathologic changes in structure and function of

organ systems as a result of disease.

- Knowledge of scientific methods to investigate the causation of disease and evaluate efficacy of traditional and non-traditional therapies.
- Knowledge of mechanisms of drug action, pharmacokinetic parameters, pharmacodynamics, and pharmacotherapeutics.
- Skills for life-long learning.

Physicians must be skillful.

Graduates will have demonstrated the following:

- The ability to obtain an accurate medical history, including such related issues as age, gender, and socioeconomic status.
- The ability to perform both a comprehensive and an organ-system-specific examination, including a mental status examination.
- The ability to perform routine technical procedures including at a minimum venipuncture, inserting an intravenous catheter, arterial puncture, lumbar puncture, insertion of a nasogastric tube, insertion of a foley catheter, and suturing lacerations.
- The ability to interpret the results of commonly used diagnostic tests with recognition of their limitations.
- Knowledge of the most frequent clinical, laboratory, roentgenologic, and pathologic manifestations of common maladies.
- The ability to reason deductively in solving clinical problems.
- The ability to construct appropriate diagnostic and management strategies for patients with common conditions, both acute and chronic, including medical, psychiatric, and surgical conditions, as well as those requiring short- and long-term rehabilitation.
- The ability to recognize patients with immediately life-threatening cardiac, pulmonary, or neurological conditions, and to institute appropriate initial therapy.
- The ability to recognize and outline an appropriate initial course of management for patients with serious conditions requiring critical care.
- Knowledge about relieving pain and ameliorating suffering.
- The ability to communicate effectively with patients, their families, and members of the healthcare team.

Physicians must be dutiful.

Graduates will have demonstrated the following:

- The ability to recognize the important nonbiological determinants (such as economic, psychological, social, and cultural factors) contributing to poor health.
- The ability to recognize the epidemiology of common medical disorders with a defined population, and the systemic approaches useful in reducing the incidence and prevalence of those disorders.
- The ability to identify factors that place individuals at risk for disease or injury, to select appropriate tests for detecting patients at risk for specific diseases or in the early stage of disease, and to determine strategies for responding appropriately.
- The ability to retrieve, manage and utilize biomedical information for solving problems and making decisions relevant to the care of individuals and health of populations.
- The ability to recognize effective approaches to the organization, financing, and delivery of health care to all individuals including the underserved.

The educational objectives were developed by the curriculum committee using MSOP (AAMC Medical School Objectives Project) objectives as a template. The process began in 1997 and the current version of the objectives was approved by the School of Medicine Faculty Senate on February 22, 2000.

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Curriculum Description

During the first year (Phase I), the students study the structure and function of the human body as well as the social and behavioral aspects of the individual. Contact with patients begins with the patient-doctor course in the fall of the first year. The second year (Phase II) emphasizes clinical medicine. Interdepartmental cooperation and clinical relevance are stressed throughout the first two years.

During the third year (Phase III) of the curriculum, students take required clerkships. In the fourth year (Phase III), all students take an acting internship in internal medicine, family medicine or pediatrics; and emergency medicine. The balance of the fourth year is filled by elective courses in various clinical departments.

The Medical College of Georgia has affiliation agreements with major community hospitals within the state of Georgia that permit students to take some core clinical courses at these hospitals.

2002-2003 Curriculum Credit Hours

Phase I–Fall Semester

Course Number	Description	Credit Hours	Grading
ANM 5110	Gross Anatomy	7	Grade
BMB 5120	Biochemistry/Genetics	7	Grade
ANM 5120A	Histology & Dev.	CP	Grade
ECM 5001A	Essentials of Clinical Medicine I	CP	Grade

Phase I–Spring Semester

PHY 5150	Physiology	11	Grade
ITD 5170	Neuroscience	6	Grade
PSY 5160	Behavioral Science/Psychiatry	4	Grade
ANM 5120B	Histology & Dev.	7	Grade
ECM 5001B	Essentials of Clinical Medicine I	11	Grade

Phase II–Fall Semester

PTH 5240A	Pathology	CP	Grade
ITD 5250A	Microbiology	CP	Grade
ECM 5002A	Essentials of Clinical Medicine II	CP	Grade

Phase II–Spring Semester

PHM 5270	Pharmacology & Toxicology	7	Grade
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ITD 5295	National Board Review	CP	P/F (elect)
PTH 5240B	Pathology	12	Grade
ITD 5250B	Microbiology	12	Grade
ECM 5002B	Essentials of Clinical Medicine II	15	Grade
Phase II–Summer Semester			
ITD 5295B	National Board Review	4	P/F
Phase III–Year 3			
FMP 5000	Family Medicine	15	Grade
MED 5000	Medicine	30	Grade
PED 5000	Pediatrics	15	Grade
NEU 5000	Neurology	10	Grade
SUR 5000A	Surgery	20	Grade
PSY 5000	Psychiatry	15	Grade
OBG 5000A	Obstetrics/Gynecology	15	Grade
Phase III–Year 4			
Selectives	3 required (10 hours)	30	Grade
Electives	4 required (7-10 hours)	28-40	Grade

Credit Hours

Phase I	53
Phase II	50
Phase III/Year 3	120
Phase III/Year 4	58–70
Total	251–293 hours

Requirements for Phase III

A. General Requirements

1. Students must satisfactorily complete all of the requirements of Phase II before entering Phase III. Students must pass USMLE Step I to enter the third year.
2. The minimum Phase III requirement for graduation from the School of Medicine, Medical College of Georgia, is the satisfactory completion of 12 months of core clerkships, 3 months of selectives (one **Acting Internship** in Medicine, Family Medicine or Pediatrics, a clerkship in Emergency Medicine, and a Critical Care rotation), and 4 months of electives. Students are encouraged to take more than the minimum number of electives.

B. Required Clerkships

1. Medicine 5000 (12-week basic clerkship)
2. Neuroscience 5000 (4-week basic clerkship)
3. Obstetrics & Gynecology 5000 (6-week basic clerkship)
4. Pediatrics 5000 (6-week basic clerkship)
5. Psychiatry 5000 (6-week basic clerkship)
6. Surgery 5000 (8-week basic clerkship)
7. Family Medicine 5000 (6-week basic clerkship)

C. Senior Year Requirements

Selectives

a.) All students are required to complete an acting (sub)internship in [Internal Medicine](#), [Family Medicine](#), or [Pediatrics](#). Rotations that meet this requirement are listed below and marked with an asterisk*

FMP 5001+	MED 5008	PED 5001
FMP 5003+	MED 5009+	PED 5009A
FMP 5007+	MED 5011	PED 5012B+
FMP 5008+	MED 5029+	PED 5014
FMP 5009+	MED 5030+	PED 5027+
FMP 5010+	MED 5067+	
FMP 5011		
FMP 5013+		
FMP 5014+		(+ off-campus)
FMP 5016+		

b.) All students must complete a rotation in Emergency Medicine. EMED 5001, EMED 5002, EMED 5003, PED 5016.

c.) All students must take one of the Critical Care rotations listed below:

ANS 5001 Anesthesiology Clerkship
 ANS 5007 Pediatric Anesthesiology Clerkship
 ANS 5009 Cardiovascular and Thoracic Anesthesiology at MCG

MED 5026 Critical Care at VA
MED 5034 Critical Care at MCG
MED 5047 Critical Care at EAMC
MED 5055 Critical Care at Doctors Hospital, Augusta
MED 5065 Pulmonary/Critical Care in South Georgia–*Special Elective*

PED 5018 Pediatric Critical Care at MCG–*Special Elective*
PED 5024 Pediatric Critical Care at Savannah–*Special Elective*

SUR 5005 Trauma Rotation at Savannah–*Special Elective*
SUR 5008 Clinical Management of Critically Ill at MCG
SUR 5013 Surgical Critical Care at Atlanta Medical Center–*Special Elective*
SUR 5325 Thoracic and Cardiac Clerkship at MCG and VA

Electives

Students must successfully complete a minimum of 4 electives. At least two of these electives must be on-campus. On-campus electives are defined as those taken at Medical College of Georgia Hospital, University Hospital (but not a private physician's office), or Veterans Administration Hospital, Augusta. Electives taken at other locations in Augusta are classified as off-campus electives.

Because electives provide students the opportunity to broaden their training, students are advised to complete more than the minimum of 4 electives.

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- [What is the current pre-clinical curriculum?](#)
- [What will the pre-clinical curriculum look like for 2004 - 2005?](#)
- [Why is MCG implementing this change?](#)
- [Who is doing the curriculum revision work?](#)
- [How will the new curriculum affect the faculty?](#)
- [What will the exams look like?](#)
- [How will the new curriculum affect the appearance of the student transcript?](#)
- [How will the success of the revised curriculum be measured?](#)

What is Curriculum Integration?

By definition, integration is a philosophy of teaching in which content is drawn from several subject areas to focus on a particular topic or theme **[1]**. The Medical School Curriculum at MCG is evolving to keep pace with the educational trends of the nation in medicine, where schools are expected to design and manage a coherent and coordinated curriculum. First steps towards integration were taken in 2000 with the introduction of the Essentials of Clinical Medicine (ECM), a two-year sequence that assembled nine formerly independent courses.

What is the Current Pre-Clinical Curriculum at MCG?

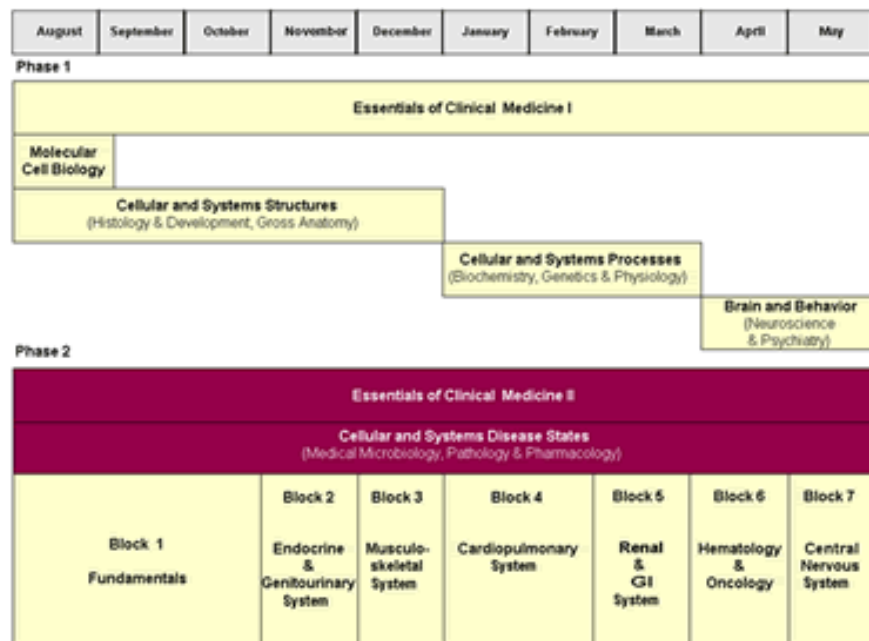
During their first year, students acquire a broad foundation, including the basic sciences that underlie the science of medical practice as well as clinical decision-making and patient interaction skills. These skills are primarily taught using lectures and labs, with integrated clinical conferences. First year (Phase I) basic science courses include Biochemistry, Histology and Development, Gross Anatomy, Neuroscience, Physiology, and Psychiatry. The Essentials of Clinical Medicine is a two-year sequence that emphasizes the clinical and self-directed learning skills needed for success in the third year. In the first semester of year one, Essentials of Clinical Medicine emphasizes family, cultural and population aspects of health care, communication skills, and information retrieval and analysis. The second semester concentrates on health promotion/disease prevention, ethics, history-taking with children and adults, and a community project. In year two (Phase II), Essentials of Clinical Medicine highlights principles of patient care throughout the life cycle and addresses interviewing and physical examination, common medical problems, and interdisciplinary topics such as ethics, nutrition, and the impact of behavior on health. Teaching strategies, including interactive small groups, preceptor relationships, and lectures are linked to course objectives. Other courses in the second year are Medical Microbiology, Pathology, and Pharmacology. [top](#)

What will the Pre-Clinical Curriculum look like for Academic Year 2004 - 2005?

The overarching goals of the two pre-clinical years remain the same: students acquire the building blocks of basic science that underlie medical practice and the skills required for clinical decision-making and patient interaction. *Discipline based courses will be replaced by Modules focusing on a theme.* [top](#)

In the first semester of year one, the introductory Molecular Cell Biology module provides a foundation for the basic sciences and is followed by the Cellular and Systems Structures module to introduce students to Gross Anatomy, Histology and Development. In the second semester, Biochemistry and Physiology are taught in the Cellular and Systems Processes module while the Brain and Behavior module gives students an understanding of the interplay between Psychiatry and Neuroscience. Offered concurrently with the basic science modules, the Essentials of Clinical Medicine (ECM) course will continue as a two-year sequence emphasizing the knowledge, skills, attitudes, and behaviors needed for success in the third year: Cellular and Systems Disease States is a yearlong module running in parallel so the students are exposed to the topics of Medical Microbiology, Pathology and Pharmacology. These topics are built around an organ system theme and will be presented to relate to patient care issues throughout the stages of life. Teaching strategies, including interactive small groups, preceptor relationships, and lectures are linked to module objectives.

[top](#)



[Click on this link to see larger version.](#)

Why is MCG Implementing this Change?

The change follows the Liaison Committee on Medical Education (LCME) standard recommending an integrated institutional responsibility for the design and management of a coherent and coordinated curriculum. The LCME is the nationally recognized accrediting authority for medical education programs leading to the M.D. degree in U.S. and Canadian medical schools. [top](#)

Who is Doing the Curriculum Revision Work?

The School of Medicine's Curriculum Oversight Committee is leading the curriculum revision work, with the help of modular teams that include basic scientists, clinicians, and medical students from the Class of 2004. [top](#)

Molecular Cell Biology (S. Wang) module director)	Cellular & Systems Structures (D. Lauss & D. Sickles module co-directors)	Cellular & Systems Processes (R. Akhtar & R. Kolbeck module co-directors)	Brain & Behavior (A.K. Gulati & D. Londino module co-directors)	ECMF (P. Wagner module director)	Cellular & Systems Disease States/ECMF (multi-disciplinary team)
R.A. Akhtar PhD T.J. Alfred MD R.S. Cameron PhD J.F. Fisher MD V. Ganapathy PhD R.C. Kolbeck PhD D.W. Sickles PhD S. Simla	G.D. Falls MD D.B. Lauss PhD R.R. Nesbit MD C.A. Nichols PhD D.W. Sickles PhD C. Doggs	R.A. Akhtar PhD V. Ganapathy PhD R.C. Kolbeck PhD H.M. Szepiel MD M. Wood	L. Cloud A.K. Gulati PhD D.L. Londino M J.N. Pruitt MD L. Reace D.A. Schreihofler PhD S.A. Shevitz MD	D.L. Londino MD A.M. Thomas PhD P.J. Wagner PhD	S.A. Baman PhD J.F. Fisher MD B. Catts MD D.M. Jester MD D. Hester M. Menesheri J. C. H. Stevie MD A.T. Taylor Pharm. D. D.M. Turnbull Ed. D. C.B. White MD R.E. White PhD M. Ying

[Click on this link to see larger version.](#)

How will the New Curriculum affect the Faculty?

For most faculty, the impact in Academic year 2004 - 2005 will be minimal. The major changes adopted for this year concern the scheduling of specific topics, so some faculty will be presenting their lectures at a new time of year. Similarly, the scheduling of small group activities and tutorials will be changed. [top](#)

What will the Exams look like?

A more coherent and coordinated curriculum should be reflected in the examination process. In-house exams will continue to be used, but will be 'combined' exams to test the students on their understanding of the concepts and principles taught in a particular multidisciplinary module. Further, the combined exams will simulate the NBME Subject examination format in both question style and length. The goal is to see integrated learning fostered and reinforced by the assessment system. [top](#)

How will the New Curriculum affect the Appearance of the Student Transcript?

The traditional discipline based course grade will be replaced by the multi-disciplinary module grade. Grading is A-F with a C constituting a passing grade. Passing the USMLE Step 1 will remain a requirement for promotion to the third year. [top](#)

How will the Success of the Revised Curriculum be Measured

Measurement will be two-fold. *Performance* of the students in the revised curriculum will continue to be monitored by methods such as in-house combined exams, NBME Subject examinations, small-group/preceptor evaluations, and standardized patient assessments.

The Evaluation Services of the School of Medicine will measure *satisfaction* with the revised curriculum expressed by both students and faculty. The current purpose of Evaluation Services, to collect student opinions about faculty teaching and course quality, will be expanded to include an annual survey of larger issues such as cognitive behaviors, attitudes to issues in medicine and learning environment that will allow continuous monitoring of the impact of the revised curriculum on students. [top](#)

[1] Source: From *The Language of Learning: A Guide to Education Terms*, by J. L. McBrien & R. S. Brandt, p. 55, 1997, Alexandria, VA: Association for Supervision and Curriculum Development.

Course Structure and Evaluation, 2004-2005

Phases 1 and 2

Draft, February 2004

August	September	October	November	December	January	February	March	April	May
Phase 1									
Essentials of Clinical Medicine I									
Molecular Cell Biology									
Cellular and Systems Structures				Cellular and Systems Processes			Brain and Behavior		

Phase 2

Essentials of Clinical Medicine II				
Cellular and Systems Disease States				
Block 1 Fundamentals (~11 weeks)	Block 2 Endocrine, Genitourinary, Musculoskeletal Systems (~7 weeks)	Block 3 Cardiopulmonary System (~6 weeks)	Block 4 Renal & GI Systems (~4 weeks)	Block 5 Hematology, Oncology Central Nervous System (~7 weeks)
				NBME Review**

Phase 1: 1 grade per module (i.e. Molecular Cell Biology, Cellular & Systems Structures, Cellular & Systems Processes, Brain & Behavior, ECM I); several exams per module.

Phase 2: 1 grade per block and 1 grade for the ECM II module; several exams per block.

** NBME Review Module expected to be a Pass/Fail module, includes NBME Comprehensive Science Exam and the three NBME Subject Tests.

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2003–2004

Phase I		
Biochemistry	Rashid A. Akhtar, PhD Biochemistry & Molecular Biology	CB-2407 (706) 721-4776
Essentials of Clinical Medicine 1	Peggy J. Wagner, PhD Family Medicine	HB-3040 (706) 721-7589
	T. Andrew Albritton, MD Medicine (Curriculum Office)	CB-1841 (706) 721-3218
Gross Anatomy	David B. Lause, PhD Cellular Biology & Anatomy	CB-1824 (706) 721-2025
Histology & Development	Dale W. Sickles, PhD Cellular Biology & Anatomy	CB-1117A (706) 721-7393
Neuroscience	Adarsh Gulati, PhD Cellular Biology & Anatomy	CB-1815 (706) 721-2061
Physiology	Ralph C. Kolbeck, PhD Physiology	CL-2134 (706) 721-2180
Psychiatry	Donna L. Londino, MD Psychiatry & Health Behavior	FG-1156 (706) 721-6703
Phase II		
Essentials of Clinical Medicine 2	David M. Jester, MD Family Medicine	HB-3018 (706) 721-0311
	T. Andrew Albritton, MD Medicine (Curriculum Office)	CB-1841 (706) 721-3218
Medical Microbiology	John F. Fisher, MD Medicine	CB-1841 (706) 721-8935
Pathology	Diane C. Turnbull, EdD Pathology	CB-3602 (706) 721-3905
Pharmacology	Scott A. Barman, PhD Pharmacology	CB-3607E (706) 721-6352

	Richard E. White, PhD Pharmacology	CB-3607E (706) 721-7582
Phase III		
<u>Family Medicine 5000</u>	David M. Jester, MD	HB-3018 (706) 721-0311
<u>Medicine 5000</u>	Walter J. Moore, MD	BI-W554 (706) 721-2055
<u>Neurology 5000</u>	J. Ned Pruitt, MD	BBR-3516B (706) 721-1886
<u>OB/GYN 5000</u>	Iqbal Kahn, PhD	CB-2310 (706) 721-2280 (706) 721-7076
<u>Pediatrics 5000</u>	Christopher B. White, MD	BG-2101B (706) 721-3781
<u>Psychiatry 5000</u>	Jo Albritton, MD	FG-1174 (706) 721-6704
<u>Surgery 5000</u>	Robert R. Nesbit, MD	BA-4521 (706) 721-4143

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October 09, 2003

Curriculum Oversight at the MCG School of Medicine

**For Review & Recommendations*

Dean

Faculty Senate*

Evaluation Team
Composition: To be determined by COC
Function: Student and Program Evaluation

“Theme” Teams
Composition: To be determined by COC
Function: Accomplish tasks assigned by the COC

Curriculum Oversight Committee
Chair: Vice-Dean for Academic Affairs
Vice Chair: Associate Dean for Curriculum
Representatives:
Basic Science Departments: 4
Clinical Departments: 9 (Clerkships, Emergency Med, + Pathology)
Phase I/2 and 3 Curriculum Committee Chairs: 2
Center for Educational Excellence: 1
Faculty Senate Representative: 1
Students: 2/year with 1 vote per class
Meetings: Every other month, 2 hours allocated

Overview of the COC
Goal: To ensure that the educational program of the School of Medicine achieves the school's overall educational objectives.
Authority: The COC will have the responsibility and authority to change the undergraduate medical curriculum unless the changes alter or affect the School of Medicine's accreditation or fiscal policy.
The COC will manage the curriculum by:

- ✓ Evaluating the effectiveness of the educational program.
- ✓ Monitoring the content and workload of each discipline, including identification of omissions and redundancies.
- ✓ Reviewing courses/clerkships for the appropriateness of objectives, teaching methods, and curricular content to assure congruence with institutional educational objectives.

Phase I/2 Curriculum Committee
Chair: Elected by the Committee Members
Representatives:
Phase I & 2 Course Directors (Including ECM)
Students: Freshmen & Sophomores; 2/year with 1 vote per class
Ex-Officio: Associate Dean for Curriculum
Evaluation Team representative
Function: Make recommendations to the COC & implement COC decisions regarding:
Course content and integration
Course evaluation
Course scheduling
Course sequencing
Teaching venues
Report to Curriculum Oversight Committee
Meetings: Monthly (estimated 10 meetings/year)

Phase 3 Curriculum Committee
Chair: Elected by the Committee Members
Representatives:
Phase 3 Course Directors, Emergency Medicine
Students: Juniors & Seniors; 2/year, 1 vote per class
Ex-Officio: Associate Dean for Curriculum
Evaluation Team representative
Function: Make recommendations to the COC & implement COC decisions regarding:
Course content and integration
Course evaluation
Course scheduling
Course sequencing
Teaching venues
Report to Curriculum Oversight Committee
Meetings: Monthly (estimated 10 meetings/year)

Medical College of Georgia

School of Medicine Evaluation Services

[A-Z Index](#) | [MCG Home](#)

[FAQ](#)

[Giving Feedback](#)

[Course & Faculty Evaluations](#)

[Educator Resources](#)

Welcome to the Evaluation Services Website!

Evaluation Services (ES) seeks to design, administer, and report results of student evaluations of faculty and courses in all phases of medical school education. This information is a vital part of the education process and is used to provide faculty and course/clerkship directors with information that can be used to improve courses and teaching at MCG.

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Please email comments, suggestions or questions to:
Andria Thomas, PhD, athomas@mail.mcg.edu.

October 28, 2003

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Schedule \(PDF\)](#)[04-05 Junior Rotation
Schedule \(PDF\)](#)[Electives Bulletin \(2003-04\)](#)[Electives for Non-MCG
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Phase 1 and 2 Course Policies and Procedures 2003–2004

Examination Question Challenges

All student challenges must be submitted to the Academic VP=s within five working days following the exam. The Academic VP=s will determine those challenges that have merit and present them in writing to the course director on the next working day. All students will be given credit for those questions that are adjusted. If the Course Director determines there is more than one correct answer for a particular question, credit will be given for all correct answers.

Questions During Exams

No specific questions regarding a test question will be answered during any exam. Typographical errors, however, will be acknowledged and posted during the exam.

Proofing Note-taker Notes

Proofing student note-taker notes will be at the faculty member=s discretion.

Course Evaluations

Medical students are asked to evaluate courses and faculty several times a year. This information is used by faculty and course directors to improve courses and teaching. The evaluation system has been designed so that no identifying information can be connected to a specific evaluation form. In order to ensure that all students have participated in the evaluation process, students must login to the online system, this login is not linked to the evaluation form itself. This process exists to keep a record of students who have completed evaluations. **Those who have not completed the evaluation process will not receive their course grade until they have**

participated. Students are not required to complete the evaluation form in its entirety; however, you must hit the SUBMIT button to receive credit. Each student has been randomly assigned a group of course faculty to evaluate. You are expected to evaluate ALL of the faculty in your assigned group. Students will be sent reminder emails to let them know which faculty they are responsible for evaluating. Emails will be sent a few days prior to lectures you are required to evaluate. Course director and course evaluations will be made available for 2 days prior to the final exam and 3 days following each course's final exam. Students can log into the evaluation system using a login name (first initial and last name) and password (last four digits of your social security number) via this website:

<http://www.oacs.mcg.edu/som/evals/index.htm>

Examinations

All examinations will be administered on the dates and at the times documented in the Phase 1/2 examination schedule. Students will not be permitted to take examinations early. If an emergency results in a student not being able to take a scheduled examination, the student must provide the course director with written documentation as to the reason why they were not able to take the examination as scheduled. The course director will make the decision on when the student takes the missed examination. Documented personal illness and family emergencies are examples of legitimate reasons for not being able to take a scheduled examination. Weddings, visits to family and friends, pre-purchased airline tickets, etc. are not acceptable reasons to reschedule an examination. If a student arrives late for an examination, they will not receive additional time to complete the test.

The NBME Subject examinations will be administered only on the dates and at the times documented in the Phase 1/2 examination schedule. If a student, regardless of the reason, does not take the examination at that time, s/he will have to take the examination after spring semester ends. The Curriculum Office will determine the date for the makeup examination.

Posting Answer Keys

If an answer key is posted on the day of the exam, the key will not be posted before 12:00 noon. The course director decides on the day the key is to be posted.

Standard Grading Policy

Final grade = total number of points obtained/total number of possible points

Final grades are based on the following scale.

- A: 90-100
- B: 80-89.99
- C: 70-79.99
- D: 60-69.99
- F: 59.99

Final grades are not rounded up.

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Phase 1 Schedule 2003–2004

First Semester

Registration & Orientation	August 7–8, 2003
First Day of Classes	August 11, 2003
Labor Day	September 1, 2003
Thanksgiving Vacation	November 26–30, 2003
Last day of classes	December 11, 2003
Final Exam Week	December 12–19, 2003

Weeks of Classes: 17 2/5 plus Final Exam Week

Monday	Tuesday	Wednesday	Thursday	Friday
Gross Anatomy 8:00-12:00	Histology 8:00-10:00 Biochemistry 10:00-12:00	Histology 8:00-10:00 Biochemistry 10:00-12:00	Gross Anatomy 8:00-12:00	Histology 8:00-10:00 Biochemistry 10:00-12:00
Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00
Gross Anatomy 1:00-2:00 ECM I 2:00-3:30	Study Time or ECM I A 1:00-3:00	Study Time or ECM I B 1:00-3:00	Study Time	Study Time

Second Semester

First Day of Classes	January 2, 2004
MLK Holiday	January 19, 2004
Spring Break	April 5–11, 2004
Last Day of Classes	May 7, 2004
Final Exam Week	May 10–14, 2004

Weeks of classes: 18 plus Final Exam Week**First 9 Weeks (ends March 5, 2004)**

Monday	Tuesday	Wednesday	Thursday	Friday
Neuroscience 8:00-10:00	Neuroscience 8:00-10:00	Neuroscience 8:00-10:00	Neuroscience 8:00-10:00	Neuroscience 8:00-10:00
ECM 1 10:00-12:00	Physiology 10:00-12:00	Physiology 10:00-12:00	Physiology 10:00-12:00	Physiology 10:00-12:00
Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00

Study Time/ Phase I Elective	ECM 1 1:00-3:00	ECM 1 1:00-3:00	Study Time/ Phase I Elective	Study Time/ Phase I Elective
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Second 9 Weeks (begins March 8, 2004)

Monday	Tuesday	Wednesday	Thursday	Friday
Physiology 8:00-10:00	Physiology 8:00-10:00	Physiology 8:00-10:00	Physiology 8:00-10:00	Physiology 8:00-10:00
ECM 1 10:00-12:00	Psychiatry 10:00-12:00	Psychiatry 10:00-12:00	Psychiatry 10:00-12:00	Psychiatry 10:00-12:00
Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00
Development 1:00-3:00	ECM 1 1:00-3:00	ECM 1 1:00-3:00	Development 1:00-3:00	Development 1:00-3:00

This schedule is subject to change.

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Schedule \(PDF\)](#)[04-05 Junior Rotation
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Phase 1 Examination Schedule 2003–2004

Fall Semester 2003

September 2	Histology #1	8:00–10:00 AM
September 5	Biochemistry #1	8:00–10:00 AM (Histology 10:00–12:00)
September 11	Anatomy #1	8:00–12:00
September 26	Biochemistry #2	8:00–10:00 AM (Histology 10:00–12:00)
September 30	Histology–Lab	8:00–10:00 AM
October 1	Histology #2–Written	8:00–10:00 AM
October 13	ECM 1	2:00–3:30 PM
October 16	Anatomy #2	8:00–12:00
October 22	Biochemistry #3	8:00–10:00 (Histology 10:00–12:00)
October 28	Histology–Lab	8:00–10:00 AM
October 29	Histology #3–Written	8:00–10:00 AM
November 7	Biochemistry #4	8:00–10:00 AM (Histology 10:00–12:00)
November 13	Anatomy #3	8:00–12:00
November 19	Histology #4–Lab	8:00–10:00 AM
November 21	Histology #4–Written	8:00–10:00 AM
November 25	ECM 1 Final	8:00–10:00 AM (Histology 1:00–3:00)
December 9	Biochemistry #5	8:00–10:00 AM (Histology 10:00–12:00)

Final Exam—December 12–19

December 15	Histology Lab Practical	8:00–10:00 AM
December 16	Biochemistry Final	8:00–12:00
December 17	Histology Written Final	8:00–10:00 AM
December 19	Anatomy Final	8:00–12:00

Spring Semester 2004

January 16	Physiology #1	8:00–10:00 AM (Neuroscience 10:00–12:00)
January 21	Neuroscience #1	8:00–10:00 AM
February 9	Neuroscience #2	1:00–5:00 PM
February 13	Physiology #2	8:00–10:00 AM (Neuroscience 10:00–12:00)
February 27	Neuroscience Final	8:00–12:00 (No Physiology)
March 5	Physiology #3	8:00–10:00 AM
March 15	ECM 1	8:00–10:00 AM (Physiology 10:00–12:00)
March 23	Physiology #4	8:00–10:00
March 26	Psychiatry #1	8:00–10:00 AM (Physiology 10:00–12:00)
April 2	Development Final (Embryology)	8:00–11:00 AM (Physiology 1:00–3:00 PM; Psychiatry 3:00–5:00 PM)
April 13	Physiology #5	8:00–10:00 AM
April 27	Psychiatry #2	8:00–10:00 AM (Physiology 10:00–12:00)
May 4	ECM 1 Final	8:00–10:00 AM (Physiology 1:00–3:00)
May 6	Physiology #6	8:00–10:00 AM
Final Exams—May 10–14		
May 10	Physiology Final	8:00–11:00 AM

May 12

Psychiatry Final

8:00–11:00 AM

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October 09, 2003

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- [Emergency Medicine](#)
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- [Neurology](#)
- [OB-GYN](#)
- [Pediatrics](#)
- [Psychiatry](#)
- [Pathology](#)
- [Radiology](#)
- [Surgery](#)



Phase 1 Elective Bulletin for 2003-2004

We are pleased to present the Phase 1 electives being offered during the first nine weeks, January 2, 2004–March 5, 2004, of the second semester for academic year 2003-2004.

Phase 1 electives are **optional**; however, you are encouraged to participate. While these electives carry one credit hour, they do not fulfill graduation requirements. Electives will be recorded on your transcript as "Satisfactory;" or "Unsatisfactory." If you register for an elective, you are responsible for completing the minimum requirements. If you do not, you will receive an "Unsatisfactory."

If more students wish to take an elective than can be accommodated, selection will be done by a lottery. Due to the limited number of Phase 1 electives available, only one elective will be allowed per student. After the lottery results are posted on the web, you may come by the Curriculum Office to sign up for electives that did not fill. Please [return the lower portion of this form](#) to the **Curriculum Office (CB-1841) by 12:00 Noon, Friday, November 14, 2003.**

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Schedule \(PDF\)](#)[04-05 Junior Rotation
Schedule \(PDF\)](#)[Electives Bulletin \(2003-04\)](#)[Electives for Non-MCG
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Phase 2 Schedule 2003–2004

First Semester

Registration Deadline	August 8, 2003
First Day of Classes	August 11, 2003
Labor Day	September 1, 2003
Thanksgiving Vacation	November 26–30, 2003
Last Day of Classes	December 19, 2003

Weeks of Classes: 18½

Monday	Tuesday	Wednesday	Thursday	Friday
ECM 2 8:00-10:00	Micro- biology 8:00-10:00	ECM 2 8:00-10:00	Mirco- biology 8:00-10:00	Mirco- biology 8:00-10:00
Pathology 10:00-12:00	ECM 2 10:00-12:00	Pathology 10:00-12:00	ECM 2 10:00-12:00	Pathology 10:00-12:00
Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00
*ECM 2 Clin. Activity or Study Time 1:00-5:00	*ECM 2 Clin. Activity or Study Time 1:00-5:00	*ECM 2 Clin. Activity or Study Time 1:00-5:00	*ECM 2 Clin. Activity or Study Time 1:00-5:00	*ECM 2 Clin. Activity or Study Time 1:00-5:00

*ECM 2 Clinical Activities—Refer to ECM Schedule

Second Semester

First Day of Classes	January 2, 2004
MLK Holiday	January 19, 2004
No ECM	March 8–April 2, 2004
No Pharmacology	March 15–26, 2004
Spring Break (Master's Week)	April 5–11, 2004

Weeks of Classes: 17 2/5 plus Exam Days**Block A** (ends April 2, 2004)

Monday	Tuesday	Wednesday	Thursday	Friday
Pharmacology 8:00-10:00	Microbiology 8:00-10:00	Pharmacology 8:00-10:00	Microbiology 8:00-10:00	Pharmacology 8:00-10:00
Pathology 10:00-12:00	ECM 2 (ends 3/8) 10:00-12:00	Pathology 10:00-12:00	Pharmacology 10:00-12:00	Pathology 10:00-12:00
Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00
*ECM 2 Clin. Activity or Study Time 1:00-5:00	*ECM 2 Clin. Activity or Study Time 1:00-5:00	*ECM 2 Clin. Activity or Study Time 1:00-5:00	*ECM 2 Clin. Activity or Study Time 1:00-5:00	*ECM 2 Clin. Activity or Study Time 1:00-5:00

Spring Break
Last Day of Classes

April 5–11, 2004
May 4, 2004

Block B (begins April 12, 2004)

Monday	Tuesday	Wednesday	Thursday	Friday
	ECM 2 8:00-10:00		ECM 2 8:00-10:00	
Pharmacology 10:00-12:00	Pharmacology 10:00-12:00	Pharmacology 10:00-12:00	Pharmacology 10:00-12:00	Pharmacology 10:00-12:00
Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00	Lunch 12:00-1:00
*ECM 2 Clin. Activity or Study Time 1:00-5:00	*ECM 2 Clin. Activity or Study Time 1:00-5:00	*ECM 2 Clin. Activity or Study Time 1:00-5:00	*ECM 2 Clin. Activity or Study Time 1:00-5:00	*ECM 2 Clin. Activity or Study Time 1:00-5:00

This schedule is subject to change.

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October 09, 2003

[FAQ](#)[Academic Calendars](#)**Phase I**[Calendar \(2003-04\)](#)[Schedule \(2003-04\)](#)[Exam Schedule \(2003-04\)](#)[Elective Bulletin](#)**Phase II**[Calendar \(2003-04\)](#)[Schedule \(2003-04\)](#)[Exam Schedule \(2003-04\)](#)**Phase III**[Clerkship websites](#)[Calendar \(2003-04\)](#)[03-04 Junior Rotation
Schedule \(PDF\)](#)[04-05 Junior Rotation
Schedule \(PDF\)](#)[Electives Bulletin \(2003-04\)](#)[Electives for Non-MCG
Students](#)

Phase 2 Examination Schedule 2003–2004

Fall Semester 2003

September 12	Pathology #1	8:00-10:00 (Microbiology 10:00–12:00)
September 16	Microbiology #1	8:00-10:00
October 1	ECM 2 #1	8:00-10:00
October 24	Pathology #2	8:00-10:00 (Microbiology 10:00-12:00)
October 28	Microbiology #2	8:00-10:00
November 17	ECM 2 #2	8:00-10:00
December 8	Pathology #3	8:00-10:00 (ECM 2 10:00–12:00)
December 16	Microbiology #3	8:00-10:00

Spring Semester 2004

January 22	Microbiology #4	8:00-10:00
January 28	Pharmacology #1	8:00-10:00
February 11	Pathology #4	8:00-10:00 (Pharmacology 10:00-12:00)
February 17	ECM 2 #3	8:00-10:00 (Microbiology 10:00-12:00)
February 23	Pharmacology #2	8:00-10:00
March 10	Pharmacology #3	8:00-10:00
March 18	Microbiology #5	8:00-10:00
March 22	Pathology #5	8:00-10:00
March 26	Pathology Final	8:00-12:00
April 2	Microbiology Final	8:00-12:00 (No Pharmacology)

April 19	Pharmacology #4	8:00-10:00
April 30	ECM 2 #4 (Final)	8:00-10:00
May 3	Pharmacology #5	8:00-10:00
May 7	Pharmacology Final	8:00-12:00

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Students for Intercultural Medicine (SIM)

[A-Z Index](#) | [MCG Home](#) | [Site Search](#)

International Electives

- [British Columbia](#)
- [Honduras](#)
- [India](#)
- [Kenya](#)
- [Nepal](#)
- [Papua New Guinea](#)
- [Scotland](#)
- [Zambia](#)

[Research Links](#)

[Green Sheet](#) (PDF)

[Photo Album](#)

President [Jessica Doyle](#)

VP Medical Supplies [Pranav Chudgar](#)

VP Summer Opportunities [Kirsten Bendeck](#)

VP Migrant Clinic [Matthew Collins](#)

Secretary [Heather Quigley](#)

Students for Intercultural Medicine

Students for Intercultural Medicine (SIM) was formed in 1991 by School of Medicine students at the Medical College of Georgia (MCG). We are a student-run, volunteer, non-profit organization with no religious or political affiliations. SIM was formed for the purpose of educating medical students at MCG about issues in intercultural medicine. We facilitate medical student's access to international programs, such as medical relief efforts, externships and sub-internships, and we also sponsor our own program abroad. We believe that providing humanitarian aid to underprivileged patient populations fosters the development of compassionate and competent physicians.

Migrant Worker's Health Initiative

SIM also supports the Migrant Worker's Health Initiative, an MCG student-run program, by providing medical supplies as well as recruiting medical students, doctors, and translators for the Sunday clinics. This mobile clinic takes place during the annual onion harvest from April to June, and not only provides primary health care for the migrant population, but also gives MCG students an opportunity to practice their medical skills under the supervision of MCG faculty. The program is run in conjunction with the Medical Spanish elective for first year medical students, and gives these students a chance to immerse themselves in the culture and language. In addition, SIM is working with the Migrant Worker's Health Initiative to expand the program to Gainesville and Dalton, Georgia.

Medical Exchange Program

The Medical Exchange Program in Honduras was created to provide humanitarian aid to Honduras, in the form of medical supplies and medical training. The student sub-internships serve to provide early clinical experience and to enrich students' perspectives on intercultural medicine.

SIM volunteers gather hospital supplies from hospitals in the Augusta area. These supplies are sent to the Mario Catarino de Rivas Hospital in San Pedro Sula, Honduras. Expenses for this component of the Medical Exchange

Treasurer
[Nadim Hafez](#)

Fundraising
[Elga Tinger](#) and [Henna Pearl](#)

Program include collection, storage and transportation of hospital supplies. The supplies include, but are not limited to, scrubs, basins, gauze, drapes, trays, gloves, masks, gowns, educational materials, over-the-counter pharmaceuticals.

Eligible students from MCG study at the Mario Catarino de Rivas Hospital in San Pedro Sula, Honduras. Students participate in rotations including, but not limited to, Emergency Medicine, Neonatology, General Pediatrics, Internal Medicine, Obstetrics and Gynecology, and Orthopedics. The exchange lasts from two to four weeks. Expenses for this component of the Medical Exchange Program include student transportation, hotel costs, and other expenses while in Honduras.

Scholarship Fund

SIM currently offers three (3) scholarships to fourth year medical students traveling to developing countries to complete rotations. Two scholarships are designated for the exchange program in Honduras, and one scholarship is available for an international destination determined by the recipient. Applicants will be chosen according to criteria determined by the Scholarship Selection Committee.

Fund Raisers

We hold three major fund raisers per year to support the above outline programs: a Spring raffle and tennis tournament, and a Fall golf tournament. Prizes for the fundraisers are donated by local businesses, usually in the form of coupons for goods and services, trophies, etc. Competitors in both tournaments must pay an entrance fee. All proceeds from the above events go towards the Medical Exchange Program and the Scholarship Fund.

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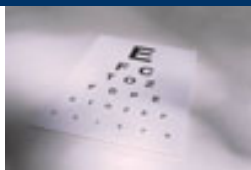
Please email comments, suggestions or questions to:
Jessica Doyle, jdoylemd@students.mcg.edu

April 23, 2004

Medical College of Georgia

School of Medicine Phase 3 Curriculum Resources

[A-Z Index](#) | [MCG Home](#) | [Site Search](#)



Clerkship Websites

- [Family Medicine](#)
- [Medicine](#)
- [Neurology](#)
- [OB/GYN](#)
- [Pediatrics](#)
- [Psychiatry](#)
- [Surgery](#)

[Standard Policies and Procedures for the Core Clerkships](#)

[Community Based Student Support Through the Georgia Statewide AHEC Network](#)

[Community Based Education Sites \(Map\)](#) 

Rotation Schedules

[2003-2004 Phase 3 Schedule](#)

[2003-2004 Junior Core Rotation Schedule](#) 

Elective Bulletin

[2003-2004 Electives Bulletin](#)

[Students for Intercultural Medicine](#)

Student Patient Encounter Log (SPEL)

[Instructions on how to log an encounter using SPEL](#) 

[Enter Your Patient Encounter Logs](#)

Search the SPEL database to view your logged patient encounters:

[MED 5000](#) | [NEU 5000](#) | [OBG 5000](#)

[PED 5000](#) | [PSY 5000](#) | [SUR 5000](#)

Student Evaluation

[Online Student Evaluations of Clerkships and Faculty](#)

[Phase III Clerkship Evaluation](#)

(Contact Rita Garner in the Registrar's office for questions or problems.)



Interactive PDF Forms

[Clinical Performance Evaluation Form](#)

[Revised Clinical Performance Evaluation \(New\)](#)

[Pediatric Elective Evaluation Form](#)

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Please email comments, suggestions or questions to:
Kenda Rindt, krindt@mail.mcg.edu.

December 29, 2003

[FAQ](#)[Academic Calendars](#)

Phase I

[Calendar \(2003-04\)](#)[Schedule \(2003-04\)](#)[Exam Schedule \(2003-04\)](#)[Elective Bulletin](#)

Phase II

[Calendar \(2003-04\)](#)[Schedule \(2003-04\)](#)[Exam Schedule \(2003-04\)](#)

Phase III

[Clerkship websites](#)[Calendar \(2003-04\)](#)[03-04 Junior Rotation Schedule \(PDF\)](#)[04-05 Junior Rotation Schedule \(PDF\)](#)[Electives Bulletin \(2003-04\)](#)[Electives for Non-MCG Students](#)

Standard Policies and Procedures for all Core Clerkships

Attendance

1. If a student is absent or late for any reason, s/he is required to contact the attending physician and/or resident for that rotation and the clerkship director's office that day. This policy applies to ***all*** students regardless of whether the rotation is on or off-campus.
2. Students are required to be present for all clinical activities. All absences must be excused by the clerkship director. If an emergency results in a student being absent three days during a four-week rotation or 5 days during a six-week rotation, withdrawal or an incomplete grade will result, unless both the clerkship director and the Associate Dean for Student Affairs feel that circumstances allow the student to complete the clerkship. Personal illness and family emergencies are examples of legitimate reasons for being absent. Weddings, visits to family and friends, pre-purchased airline tickets, interviews, etc. are not acceptable reasons to be absent from the rotation.
3. Vacation Schedule. Vacations begin and end on the following dates:

Thanksgiving Holiday	November 27–November 30, 2003
Christmas Holiday	December 22, 2003–January 4, 2004
Spring Holiday	April 5–11, 2004

4. Holidays. The following holidays are treated the same as a Saturday or Sunday.
 - Labor Day
 - Columbus Day (VA holiday only)
 - Veterans Day (VA holiday only)

- Martin Luther King Day
 - President's Day (VA holiday only)
 - Memorial Day
 - Independence
5. Students do not take call on the Wednesday night prior to the Thanksgiving Holiday and may leave that afternoon after all their patient care responsibilities have been completed.
 6. Students do take call on the Friday PM prior to the Spring Holiday and may leave Saturday AM after all their patient care responsibilities have been completed.
 7. Students do not take call on the Thursday prior to the NBME Subject Examination and may leave that afternoon after all their patient care responsibilities have been completed.

Administrative Issues

1. Any student requiring special testing conditions ***must notify*** the clerkship director or coordinator before the start of the clerkship or on the first day of the clerkship.
2. NBME subject examinations are given on the final Friday of each clerkship. If a student, regardless of the reason, does not take the examination at that time, s/he will have to take the examination whenever it is offered again at the end of that clerkship.
3. Students must achieve a minimal passing score on each end-of-clerkship NBME Subject Examination to pass the clerkship. If a student does not receive a passing score, s/he will receive a "D" for the clerkship regardless of their clinical grade. At a minimum, students will be required to remediate the deficiency by taking a four-week period to prepare for retaking the examination. Longer periods of remediation may be required depending on the deficiencies of the student. During this time, students cannot be on a core clerkship or elective. Scheduled vacations are not considered part of the remediation. Students usually take a month in the senior year as vacation to remediate deficiencies. If the student successfully remediates the clerkship, the grade will appear as "D/remediated grade" on the transcript and count as a 2.0 in the calculation of the GPA.
4. If a student has a concern regarding a clinical grade, s/he are to discuss it with the clerkship director first and not the attending physician or residents. A violation of this policy will result in a student forfeiting the right to officially appeal the grade.
5. If a student formally appeals a clerkship grade, the student's narrative will reflect the fact the student appealed her/his grade with the result of the appeal.
6. Clerkship grades are based on the following scale.

A:	90-100
B:	80-89.99
C:	70-79.99

D: 60-69.99
F: Below 59.99

Final grades for the clerkships are not rounded up.

7. For each of the clerkships, students must complete the Student Patient Encounter Log (SPEL) to fulfill the requirements for the clerkship. On the Family Medicine Clerkship, you are to complete the department's log.
8. For each of the clerkships, students must complete the end-of-clerkship evaluations to fulfill the requirements for the clerkships. A student's grade will not be posted until the evaluations have been submitted to Evaluation Services.
9. All electronic communication will be through GroupWise. Students are responsible for all information sent via GroupWise. All students should routinely check their GroupWise email regarding clerkship announcements and information.
10. If a student has had a recent name change, s/he must notify the clerkship director or coordinator before the start of the clerkship or on the first day of the clerkship.
11. Students should not arrange for a core clerkship rotation at any of the participating sites. All assignments are made through the Clerkship Director's office. A violation of this policy will be reflected in the student's narrative comments.
12. If a student sustains a needle stick or blood/body fluid exposure, s/he must notify the attending physician and clerkship coordinator and/or director of the incident. The clerkship coordinator or director will notify the Associate Dean for Student Affairs of the occurrence.

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October 09, 2003

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2003-2004 Elective Bulletin**School of Medicine**[A-Z Index](#) | [MCG Home](#)

During the first three years of medical school, the curriculum has been structured to provide you with the necessary knowledge, skills, attitudes and behaviors to become a competent physician. However, in your senior year, you and your advisor will develop your educational experience. Even though the ultimate choice of electives is up to you and your advisor, you will need to strive to develop an experience that will provide you with the best foundation possible to begin your internship.

You should consider taking electives in areas that you would like to gain further clinical experience or expand your fund of knowledge. Also, you may want to consider performing an elective at an academic health center you are considering for your internship. These opportunities provide you with a chance to evaluate the residency programs. Likewise, the residency programs will have an opportunity to gain first hand experience with you.

2003-2004 Electives

[Message to MCG Seniors](#)

[General Information](#)

[Phase 3 Course Directors
and Department Chairs](#)

[Required Clerkships](#)

[Rotation Schedule 2003- 2004](#)

[Anesthesiology](#)[Biochemistry & Molecular
Biology](#)[Cellular Biology & Anatomy](#)[Emergency Medicine](#)[Family Medicine](#)[Medicine](#)[Neurology](#)[Obstetrics & Gynecology](#)[Ophthalmology](#)[Pathology](#)[Pediatrics](#)[Pharmacology & Toxicology](#)[Physiology](#)[Psychiatry](#)[Radiology](#)[Surgery](#)

[Medical College of Georgia | SOM Curriculum Office](#)

Please email comments, suggestions or questions to:

Teresa Smith, tdsmith@mail.mcg.edu.

January 09, 2003

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Table of Contents

General Information	3
Rotation Schedule 2004–2005	5
Drop and Add Dates	5
Anesthesiology	7
Biochemistry and Molecular Biology	7
Cellular Biology and Anatomy	8
Emergency Medicine	8
Family Medicine	9
Medicine	13
Neurology	23
Obstetrics and Gynecology	24
Ophthalmology	27
Pathology	27
Pediatrics	30
Pharmacology and Toxicology	34
Physiology	35
Psychiatry	35
Radiology	37
Surgery (General)	38
Neurosurgery	41
Otolaryngology	42
Orthopedics	42
Pediatrics	43
Thoracic and Cardiac	43
Urology	44
Plastic	44
Map of Campus	46

Message to MCG Seniors

During the first three years of medical school, the curriculum has been structured to provide you with the necessary knowledge, skills, attitudes, and behaviors to become a competent physician. However, in your senior year, you and your advisor will develop your educational experience. Even though the ultimate choice of electives is up to you and your advisor, you will need to strive to develop an experience that will provide you with the best foundation possible to begin your internship.

Your fourth year should be structured to provide you with clinical experiences that compliment your education to date. The senior year is ten months in length. You are required to complete three selectives. All students must complete an acting internship, a critical care selective, and an emergency medicine selective. The remainder of the senior year consists of a minimum of four electives. Of these four electives, one must be completed on-campus. An on-campus elective is defined as a rotation at the Medical College of Georgia, the V.A. Medical Center, or University Hospital. Rotations in the offices of private physicians or other hospitals in the Augusta area are considered off-campus rotations. Only one international experience may be used to fulfill the elective requirements for graduation.

You should consider taking electives in areas that you would like to gain further clinical experiences or expand your fund of knowledge. Also, you may want to consider performing an elective at the institution you are considering for your internship. These opportunities provide you with a chance to evaluate the residency programs. Likewise, the residency programs will have an opportunity to gain first hand experience with you. I suggest that you consider performing an acting internship prior to doing an off-campus elective at a location that you are interested in pursuing for your residency program. An acting internship provides you with additional clinical experience and will enhance your performance when you do off-campus rotations.

As you develop your senior schedule, it would be helpful to consider reserving a month for interviews. While some interviews may take place within the geographic area of Augusta, multiple absences while on clinical rotations can negatively impact your performance. Even though you are interviewing, this is not considered an acceptable reason for being absent from a senior rotation. Also, you will need to consider when you would like to take both parts of the USMLE Step 2. My recommendation is to take the exams as early as possible in the academic year when you feel you are prepared. Many residency programs are interested in your performance on Step 2. You must take the exams no later than December 15, 2004.

Your elective schedule must be approved by your faculty advisor. Should you decide to change your schedule, please discuss any changes with your advisor. If for some reason you change advising departments, you must select a new advisor and discuss your schedule changes with your new advisor. Changes in the advising departments are handled through the Curriculum Office. You should meet with your advisor periodically to discuss your academic record, career, and personal goals.

I strongly encourage you to develop a senior experience that will both be professionally and academically rewarding. The goal should be to optimally prepare you for beginning your internship. All individuals in the Curriculum Office are more than happy to assist you in any way possible as you proceed through this final step of your undergraduate education. I wish you the best for a very successful senior year.

T. Andrew Albritton, M.D.
Associate Dean for Curriculum

General Information

I. Requirements for Completion of Phase III

A. General Requirements

1. Students must satisfactorily complete all requirements for Phase II before entering Phase III.
2. The minimum Phase III requirement for graduation from the School of Medicine, Medical College of Georgia, is the satisfactory completion of 12 months of core clerkships, 3 months of selectives (one **Acting Internship** in Medicine, Family Medicine or Pediatrics, a clerkship in Emergency Medicine, and a Critical Care rotation), and 4 months of electives. Students are encouraged to take more than the minimum number of electives.

B. Required Clerkships

1. Medicine 5000–12 week basic clerkship
2. Neuroscience 5000–4 week basic clerkship
3. Obstetrics and Gynecology 5000–6 week basic clerkship
4. Pediatrics 5000–6 week basic clerkship
5. Psychiatry 5000–6 week basic clerkship
6. Surgery 5000–8 week basic clerkship
7. Family Medicine 5000–6 week basic clerkship

C. Senior Year Requirements

1. Selectives

- a. All students are required to complete an acting (sub)internship in Internal Medicine, Family Medicine, or Pediatrics. Rotations that meet this requirement are listed below and marked with an asterisk* throughout this book:

FMP 5001 FMP Residency Externship
Macon—*Special Elective*

FMP 5003 Preceptorship—*Special Elective*

FMP 5007 FMP Residency Externship
Rome—*Special Elective*

FMP 5008 FMP Residency Externship
Columbus—*Special Elective*

FMP 5009 FMP Residency Externship
Savannah—*Special Elective*

FMP 5010 FMP Rural Medicine
Warrenton—*Special Elective*

FMP 5011 Sub I—MCG—*Special Elective*

FMP 5013 FMP Residency Externship
Albany—*Special Elective*

FMP 5014 FMP Residency Externship
Morrow—*Special Elective*

FMP 5016 FMP Residency Externship
Waycross—*Special Elective*

MED 5008 Internship at VA

MED 5009 Internship at EAMC

MED 5011 Internship at MCG

MED 5029 Internship at Savannah

—*Special Elective*

MED 5030 Internship at Georgia Baptist

MED 5067 Internship Off-Campus

—*Special Elective*

OBG 5009 Substitute Internship at MCG and
Atlanta Medical Center

—*Special Elective*

*PED 5001 Substitute Neonatal Intern

—*Special Elective*

PED 5009A Substitute Intern at MCG/CMC

—*Special Elective*

PED 5012B Substitute Intern at Savannah

—*Special Elective*

PED 5014 Well Baby Nursery at MCG

—*Special Elective*

*PED 5027 Neonatology Sub-Internship

—*Special Elective*

SUR 5007 Substitute Internship at MCG and VA

—*Special Elective*

- b. All students must complete a rotation in Emergency Medicine. EMED 5001, EMED 5003, EMED 5012, PED 5016

- c. All students must take one of the Critical Care rotations listed below:

ANS 5011 Anesthesiology Clerkship

MED 5026 Critical Care at VA

MED 5034 Critical Care at MCG

MED 5049 Critical Care at EAMC

MED 5069 Pulmonary Medicine Critical Care at
Atlanta Medical Center

MED 5070 Pulmonary/Critical Care in South
Georgia—*Special Elective*

MED 5075 Critical Care at Doctors Hospital,
Augusta—*Special Elective*

*PED 5001 Substitute Neonatal Intern

—*Special Elective*

PED 5018 Pediatric Critical Care at MCG

—*Special Elective*

*PED 5027 Neonatology Sub-Internship

—*Special Elective*

PED 5034 Pediatric Critical Care at Savannah

—*Special Elective*

SUR 5005 Trauma Rotation at Savannah

—*Special Elective*

SUR 5008 Clinical Management of Critically Ill at
MCG

SUR 5013 Surgical Critical Care @ Atlanta Medical
Center—*Special Elective*

SUR 5325 Thoracic and Cardiac Clerkship at MCG
and VA

2. Electives

Students must successfully complete a minimum of 4 electives. At least one of these electives must be on-campus. On-campus electives are defined as those taken at Medical College of Georgia Hospital, University Hospital (but not a private physician's office), or Veterans Administration

Hospital, Augusta. Electives taken at other locations in Augusta are classified as off-campus electives.

Because electives provide students the opportunity to broaden their training, students are advised to complete more than the minimum of 4 electives.

* PED 5001 and PED 5027 can count as a Critical Care Selective **or** Acting Sub-Internship Selective. These electives can count for one or the other, but **not both**.

II. Classification of Electives

- A. **Special Elective:** These electives require permission of the instructor or departmental representative for enrollment. They include many off campus electives, research electives, preceptorships and tutorials. A "green sheet" must be used for enrollment. These courses are marked "green sheet" in the elective book and enrollment instructions are covered in Section III. You **must** register for any off campus elective in the Curriculum Office.
- B. **Regular Elective:** All electives not classified as Special Electives.

III. Procedures for Off Campus Electives

- A. Contact the sponsoring institution and obtain and complete their form (if appropriate).
- B. Following notification of acceptance, obtain an "Approval for Off Campus Elective Form" ("Green Sheet") from the Curriculum Office.
- C. Obtain approval for the elective from the departmental representative of the sponsoring MCG department. All off campus electives carry MCG numbers and the MCG department must approve your enrollment. Departments will require the following information prior to approving an off campus elective:
1. The name and academic title of the faculty member at the offering institution.
 2. Curriculum Vitae of the individual, if he or she has not previously taught MCG courses.
 3. The name of the person responsible for evaluating your performance during the elective.
 4. Dates of elective. You should make every effort to have the dates coincide with the MCG schedule.
 5. Any fees charged to visiting students.
- D. Return your completed "green sheet" to the Curriculum Office and complete a "Drop/Add Form." The person responsible for the off campus course must send an evaluation of your performance to the MCG departmental representative handling the elective (**not** to the Curriculum Office). The representative will assign a grade (based on the evaluation) and report it to the Registrar's Office. You are responsible for seeing that this information is transmitted appropriately. **No grade and, therefore, no credit can be assigned without an evaluation.**

Warning: You are not officially enrolled until you have returned your completed "green sheet" to the Curriculum Office. We cannot provide retroactive credit for electives in which you are not properly enrolled.

E. Malpractice

1. **In the state of Georgia** "No student who engages in the practice of medicine under the supervision of a medical facility, academic institution, or doctor of medicine, as a part of an academic curriculum leading to the award of a medical degree, shall be liable for any civil damages as a result of any act or omission in such practice of medicine, except for willful or wanton misconduct." (Georgia Code 1981, section number 51138, enacted by Ga. L. 1987, p. 363, article number 1.) Effective date: July 1, 1987
2. **In the United States but NOT in Georgia** Students officially enrolled at MCG are covered by Professional Liability Insurance while at U.S. institutions out of the state of Georgia.

IV. Preceptorships

- A. A preceptorship must be approved by the appropriate departmental representative.
- B. Preceptorships must be at least one month with a maximum duration of two months.
- C. The preceptor must submit an evaluation to the departmental representative, who shall assign and report a grade to the Registrar's Office.
- D. The preceptor's Curriculum Vitae will probably be required by the responsible department. Check with the department regarding their requirements.

V. Dropping and Adding Electives

Students may change their schedule according to the following policy which was developed by the Curriculum Committee, and approved by the Dean and Faculty Senate:

An elective may be dropped or added **three weeks** or more prior to the beginning date of the elective. You may add after the drop/add deadline if your schedule shows vacation and if you have received special permission from the faculty member responsible for the elective. **Under no circumstances can you drop an elective after the deadline without penalty** (i.e., receipt of a "W" (withdrew) on the official transcript). Please post the Drop/Add schedule in a prominent place and take it seriously!

Except for extraordinary circumstances, the above policy will be strictly enforced.

A student must be officially enrolled in an elective to receive credit.

Retroactive credit will not be granted .

Phase III Rotation Schedule 2003–2004

Teresa to add...save for page number

will this take 1 or 2 pages?

Phase III Core Course Directors

Family Medicine	Dr. David Jester
Medicine	Dr. Harold Szerlip
Neurology	Dr. Ned Pruitt
Obstetrics/Gynecology	Dr. Iqbal Khan
Pediatrics	Dr. Christopher White
Psychiatry	Dr. Jo Albritton
Surgery	Dr. Robert Nesbit

Dean, School of Medicine

David M. Stern, M.D.

Department Chairmen

Anesthesiology	Alvin C. Head
Biochemistry and Molecular Biology	Dr. Vadivel Ganapathy
Cellular Biology and Anatomy	Dr. Sally Atherton
Emergency Medicine	Dr. Richard Schwartz (<i>Interim</i>)
Family Medicine	Dr. Joseph Hobbs
Medicine	Dr. Steven Schwab
Neurology	Dr. David Hess
Neurosurgery	Dr. Mark Lee
Obstetrics/Gynecology	Dr. Lawrence Devoe
Ophthalmology	Dr. Julian Nussbaum
Orthopaedics	Dr. Walton Curl
Otolaryngology	Dr. David Terris
Pathology	Dr. Stephen Peiper
Pediatrics	Dr. William Kanto
Pharmacology	Dr. Robert W. Caldwell
Physiology	Dr. R. Clinton Webb
Psychiatry and Health Behavior	Dr. Peter Buckley
Radiology	Dr. James Rawson
Surgery	Dr. Thomas Gadacz

Electives

Department of Anesthesiology and Perioperative Medicine

Professors: C. A. Head (Chairman), M. Castresana, M.D., FCCM, D. Martin, M.D.; *Associate Professors:* I. Berger, M.D., R. Dennison, M.D., S. Dubin, M.D., S. Meiler, M.D., K. Oswald, M.D.; *Assistant Professors:* A. Alleyne, M.D., A. Arthur, M.D., R. Bellam, M.D., R. Donald, M.D., M. Hadsell, M.D., H. Handel, M.D., W. Lawson, M.D., L. Lockett, M.D., J. Mayfield, M.D., J. Molinaro, M.D., S. Redd, M.D., T. Weatherred; *Instructor:* Pam Rosema, R.R.T., M.H.A.

ANS 5002 Anesthesiology Research Elective (Special Elective)

Location: Anesthesia Research Laboratory
Enrollment: Arrange individually with Vice Chairman of Research for Department of Anesthesiology and Perioperative Medicine (Dr. Meiler)
Prerequisites: ANS 5001 + Acceptance by Chairman of Department of Anesthesiology and Perioperative Medicine (Dr. Head)
Duration: One to Two Months
Months Offered: All Year (Special Arrangement)

The Department of Anesthesiology and Perioperative Medicine has an ongoing program in basic science and clinical research. This area is available for student participation, depending on the student's background and interests, as well as projects that are then current in the department. The student will attend all teaching seminars and conferences. (Dr. Meiler)

ANS 5003 Anesthesiology Preceptorship (Special Elective–Green Sheet)

Location: Off Campus Elective
Enrollment: Arranged Individually
Duration: One Month
Months Offered: By Arrangement

Clinical experience in Anesthesiology in an off campus hospital approved by the Department Chairman.

ANS 5008 Pain Management Elective

Location: MCG Hospital and Clinics
Enrollment: 1 Maximum
Prerequisites: None
Months Offered: August through June

Closely supervised clinical experience in the management of acute and chronic pain. The experience will take place within the structure of the MCG Multidisciplinary Pain Center and the inpatient wards of the Medical College of Georgia Hospital and will include diagnosis and treatment of chronic pain and the treatment of modalities for acute pain. The student will attend all scheduled teaching seminars and conferences. (Dr. Oswald and Dr. Martin)

ANS 5011 Anesthesiology Four Week Clerkship

Location: MCG Hospital and Clinics
Enrollment: 1 Minimum 6 Maximum
Prerequisites: None
Duration: One Month
Months Offered: August through June

Basic anesthesiology elective, which includes pre-anesthetic evaluation and management of patients before, during and after anesthesia. Topics covered in student lecture series include pre-anesthetic evaluation, airway management, physiology and pharmacology as applied to anesthesia, patient monitoring, basics of mechanical ventilation, general and regional anesthesia. Student will have the opportunity to observe or participate in a variety of procedures including endotracheal intubation, intravenous and intraarterial cannulation, invasive cardiovascular monitoring and regional anesthesia. The student will also be exposed to the use of various drugs for different types of anesthesia and hemodynamic management. The students are expected to attend a student lecture series as well as all resident teaching conferences. The students also give a brief presentation and take an exam at the end of the course (Dr. Weatherred and Dr. Donald)

ANS 5014 Respiratory Care Elective

Location: MCG Hospital and Clinics
Enrollment: 12 Maximum
Prerequisites: None
Duration: One Month
Months Offered: July through April

The first three weeks of the rotation will focus on respiratory pathophysiology as related to the patients problems and on the appropriate treatment. Specifically the first week non-ICU related respiratory therapy. The second and third week focus on mechanical ventilation in the ICU. The last week is reserved for BLS and ACLS certification. (Ms. Pam Rosema, R.R.T., M.H.S.A.)

Department of Biochemistry and Molecular Biology

BMB 5002 Research in Biochemistry and Molecular Biology (Special Elective–Green Sheet)

Location: MCG, Dept. of Biochemistry and Molecular Biology
Enrollment: As allowed by Department
Prerequisites: BMB 5120
Duration: One to Three Months
Months Offered: By Arrangement

Students may arrange to join the research program being conducted by faculty in the Department of BMB. A list of faculty and their ongoing research projects is available in the department office. Time and credit hours to be arranged. (Dr. V. Ganapathy)

Department of Cellular Biology and Anatomy

Anatomy

ANM 5001 Advanced Studies in Medical Gross Anatomy

Location: MCG R & E BLDG.
 Enrollment: Maximum 20
 Prerequisites: Senior Students Only
 Duration: One Month
 Months Offered: April

Independent studies of human gross anatomy with detailed dissections of human cadaver material. The student may concentrate upon an area or areas of particular need or interest, such as head and neck, limbs, body cavities or pelvis and perineum. Students are expected to explore the literature pertinent to their area(s) of interest in textbooks and journals. (Dr. David B. Lause and Cell Biology Anatomy Faculty)

ANM 5002 Research Elective in Anatomy (Special Elective–Green Sheet)

Location: MCG, Department of Cellular Biology and Anatomy
 Enrollment: 2 MAXIMUM per faculty member
 Prerequisites: Approval by Faculty Member with whom research will be done
 Duration: One to Two Months
 Months Offered: By Arrangement

Opportunity to participate in research programs being conducted by members of the faculty of the Department of Cellular Biology and Anatomy. Arrangements to be made by the students with a member of the faculty. (Dr. Atherton)

Department of Emergency Medicine

EMED 5001 Emergency Medicine Clerkship

Location: MCG Hospital
 Enrollment: 12 Maximum
 Prerequisites: Core Curriculum
 Duration: One Month
 Months Offered: July through June

This month rotation is structured to give the student an introduction to the specialty of Emergency Medicine. The rotation is designed to provide an opportunity for the student to gain experience in dealing with conditions routinely seen in the practice of Emergency Medicine. Clinical instruction in the initial evaluation and stabilization of the acutely ill and injured patient will be provided by working alongside Emergency Medicine faculty and residents who are present 24 hours a day. The rotation provides ample clinical experience and patient contact. The schedule includes approximately 40 hours of patient contact a week and EMS experience. There is assigned reading, a final exam, and a short presentation requirement. Students will rotate at one of the following sites: MCG, Ft. Gordon, Aiken, and Tifton. Sites are subject to change.

Students will be assigned to the sites on a "first come" basis. When sites are filled or if the student does not indicate a site preference three weeks in advance of the beginning date, a site will be randomly assigned. Housing is provided at very remote sites with 6 weeks notification. More information can be obtained by contacting Cheryl Joyner in the Department of Emergency Medicine, MCG Ext. 4412.

EMED 5003 Pediatric Emergency Medicine Clerkship (Special Elective–Green Sheet)

Location: MCG Hospital
 Enrollment: 2 Maximum
 Prerequisites: Core Curriculum
 Duration: One Month
 Months Offered: July through June

This elective will expose the student to the wide variety of pediatric illnesses and injuries, which present to the Emergency Department. The student will assume progressive responsibility in the management of trauma, major and minor medical illnesses, and minor surgical procedures. Students will work directly with the Pediatric Emergency Medicine Attending or the Emergency Medicine Attending. The rotation setting will be in the Children's Medical Center Emergency Department. Shifts will be scheduled primarily during afternoons and evenings as well as 2 weekends. There is assigned reading, a final exam and small project due at the end of each rotation. Contact person is Dr. Lorna Bell at MCG Ext. 4412.

EMED 5004 Research in Emergency Medicine (Special Elective–Green Sheet)

Location: MCG Department of Emergency Medicine
 Enrollment: 1 Maximum per faculty member
 Prerequisites: Approval by faculty member with whom research will be done
 Duration: One Month
 Months Offered: By arrangement

Opportunity to participate in research projects in conjunction with members of the faculty of the Department of Emergency Medicine. Arrangements to be made by the student with a member of the faculty. Students will be required to submit a summary of their research findings in abstract form to receive credit for the elective. If the duration of the work is more than one month, students only receive credit for a one month elective. Contact person is Dr. Jim Wilde at MCG Ext. 4412.

EMED 5005 Emergency Medicine Externship Off Campus (Special Elective–Green Sheet)

Location: Off campus elective
 Enrollment: 1 Maximum per location
 Prerequisites: Core Curriculum and EM 5001 or 5002
 Duration: 4 Weeks (1 Month)
 Months Offered: July through June

This is a special off-campus rotation. It will be arranged by the student with an off site hospital which accepts off campus students for Emergency Medicine rotation. The rotation will include an average of approximately 9 hours of patient contact

daily, in addition to didactic sessions offered by the site. Teaching materials will be provided by the chosen facility and an examination at the end of the rotation may be required depending on the selected site. This rotation may only be taken after successfully completing EM 5001 or EM 5002. The student must obtain a written letter of approval from the site before a "Green Sheet" can be approved. Contact person in Emergency Medicine is Dr. Hartmut Gross at MCG Ext. 4412.

**EMED 5007 International and Travel Medicine
(Special Elective, Green Sheet)**

Location: To be arranged
Prerequisites: Phase III
Duration: One Month
Months Offered: By Arrangement

This will be a supervised clinical experience with students engaging in patient care under the direct supervision of faculty trained and familiar with travel medicine, clinical tropical medicine, and medicine in the developing world. Opportunities exist ranging from hospital-based experience to remote mobile village clinics. Students may join MCG faculty on a planned trip anywhere in the world (typically 10-14 days), or arrange their own experience to a site where they will be supervised. A number of lectures and reading materials are required as appropriate to traveling in developing nations.

Some six months planning and interaction with the course director/team leader must occur before the beginning of the rotation month to begin vaccinations, plan travel and organize supplies. Students will be responsible for all costs, e.g. airfare and ground expenses.

All sites and travel arrangements must be received and approved by the course director. A letter of acceptance, including a description of the experience, responsible faculty and contact information must be obtained from the site before a "Green Sheet" can be approved. This rotation may be taken for credit only one time during medical school training. Contact person in Emergency Medicine is Cheryl Joyner at MCG Ext. 4412.

**EMED 5012 Emergency Medicine Clerkship Off Campus
(Special Elective–Green Sheet)**

Location: Students to find sites—sites must have Board Certified Emergency Medicine physicians. Facility should be a teaching, busy or large community hospital to ensure adequate patient volume and diversity.
Enrollment: Varies depending on the site
Prerequisites: Core Curriculum
Duration: One Month
Months Offered: July through June

This is a special off-campus elective arranged through the Department of Emergency Medicine at MCG. It will be arranged by the student at an off-site hospital which accepts off-campus students for an Emergency Medicine rotation. This site must be large enough to have a large and diverse patient

population to ensure an adequate experience, typically a teaching hospital or large community hospital. Teaching materials, examination and presentation requirement are the same as EMED 5001 or EMED 5003. The student must obtain a written letter of approval from the site before a "Green Sheet" can be approved. All sites must be approved by the MCG Emergency Medicine Clerkship Director. A growing list of optional sites is available. Contact person in Emergency Medicine is Cheryl Joyner at MCG Ext. 4412.

Department of Family Medicine

**FMP 5001* Family Practice Residency Externship
The Medical Center of Central Georgia, Macon, GA (Special Elective)**

Location: Family Practice Residency Program
The Medical Center of Central Georgia
Macon, GA
Enrollment: 1 Minimum 1 Maximum
Prerequisites: Completion of Core Rotations
Months Offered: July through June

This elective is structured as a subinternship with the Department of Family Practice. Activities include intensive hands-on direct responsibility for the continuing and comprehensive care of patients in both the ambulatory and inpatient settings, under close supervision from faculty and advanced residents. Also included are a range of clinical conferences and brief exposures to rural family practice and to nursing home care. Ambulatory clinic experiences in other specialty/subspecialty areas of particular interest to the student can be individually arranged. For further information contact: Dr. William Bina, Clerkship Director, Department of Family Practice, The Medical Center of Central Georgia, Macon, GA. Telephone: (478)784-3587. Participation in this elective must be arranged through the Department of Medical Education. Contact: Pam Childress, Coordinator (478)633-1063. (Participation in this elective must be approved by the Department of Family Medicine, MCG. Contact Medical Student Coordinator, ext. 1-4075.)

**FMP 5003*Preceptorship Family Practice
(Special Elective)**

Location: Private Practices across the State of Georgia
Enrollment: 1 Minimum 1 Maximum
Prerequisites: None
Duration: One to Two Months
Months Offered: July through June

The student may choose from Preceptors in various communities across the state who have agreed to assist in medical student teaching. These Preceptors, who have been screened by the Joint Board of Family Practice, have undergone training for their teaching roles. This elective provides the student with a supervised experience in the evaluation and management of patients with undifferentiated clinical problems encountered in the practice of Family Medicine. The student will participate in the office practice, hospital rounds, house calls, emergency

room visits, and selected community activities. (Participation in the elective must be arranged and approved by the Department of Family Medicine; contact Medical Student Coordinator, Ext. 4075.)

FMP 5004 Clinical and/or Research Elective in Family Medicine (Special Elective)

Location: Off Campus or Dept. of FMP, MCG
 Enrollment: Maximum 1 at any one location.
 Prerequisites: None
 Duration: One to two months
 Months offered: July through June

Students wanting to pursue special educational electives with Family Medicine Preceptors, Residencies or Faculty can make arrangements for this unique experience through the department of Family Medicine. These experiences could include: patient care, research, special projects involving Psychosocial aspects of Medicine, drug dependency, family therapy, and other issues related to the provisions of health care to entire families. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact Medical Student Curriculum Coordinator, ext. 4075.)

FMP 5005 Family Practice Rural Medicine Externship, Sparta, GA (Special Elective)

Location: Tri-County Health System, Inc.,
 Sparta, GA
 Enrollment: 1 Minimum, 1 Maximum
 Prerequisites: FMP 5000, MED 5000, PSY 5000,
 OBG5000, PED 5000
 Duration: One Month
 Months offered: July through June

This elective is in rural family medicine and is provided through the Tri-County Health System in Sparta, Georgia. The student has supervised exposure to a population of patients with undifferentiated health problems and actively participates in the evaluation and management of these problems. The student becomes familiar with the uniqueness of rural health care practice and establishes an appreciation for frequently encountered problems both acute and chronic. The student also has daily group and individual teaching sessions. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia, contact Student Curriculum Coordinator, ext. 4075.)

FMP 5006 The Geriatric Patient in the Nursing Home (Special Elective)

Location: Georgia War Veterans Nursing Home
 Medical College of Georgia
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: FMP 5000 or MED 5000
 Duration: One Month
 Months Offered: July through June

This rotation exposes the student to the wide variety of medical, social, psychiatric and institutionally related problems of

the elderly commonly encountered by the primary care physician. The student is provided a panel of patients and participates in clinical evaluation and management under supervision of the attending physician. The student participates in clinical evaluation and management under supervision of the attending physician. The student participates in morning rounds from 9:00 until 11:30 a.m. with the Medical Director and participates in weekly team oriented patient care conferences. Through appropriate readings and didactic sessions the student becomes acquainted with diagnostic and management requirements of this patient population. Upon completion of this elective, the student is familiar with some of the more common geriatric health problems and the approach to their evaluation. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact Medical Student Curriculum Coordinator, ext. 4075.)

FMP 5007* Family Medicine Residency Externship, FMP Residency Program, Floyd Medical Center, Rome, GA (Special Elective)

Location: Family Practice Residency Program
 Department of Family Practice
 Floyd Medical Center, Rome, GA
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: FMP 5000, MED 5000, PSY 5000,
 OBG 5000, PED 5000
 Duration: One Month
 Months Offered: July through November and
 January through June

This elective with the Family Practice Residency Training Program of the Floyd Medical Center in Rome, Georgia, provides the student with clinical experience in both ambulatory and inpatient settings of Family Practice. Concepts of comprehensive and longitudinal health care will be emphasized. In addition to the clinical exposure, the student will also participate in daily group and individual teaching sessions.

Availability of quarters and meals should be discussed with Dr. Randy Robinson, M.D., Director, Family Practice Residency Training Program, Floyd Medical Center, Rome, Georgia. Telephone: (706) 292-3901. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact Medical Student Curriculum Coordinator, Ext. 4075).

FMP 5008* Family Practice Residency Externship, The Medical Center, Columbus, GA (Special Elective)

Location: Family Practice Residency Program
 The Medical Center, Columbus, GA
 Enrollment: 1 Minimum 1 Maximum
 Prerequisites: FMP 5000, MED 5000, PSY 5000, OBG 5000,
 PED 5000
 Duration: One Month
 Months Offered: July through June

This elective is designed to allow the senior medical students an exposure to the health care activities of a Family Medicine

Residency. The students actively participate in various aspects of family health care provided in the teaching program of the Department of Family Practice at the Medical Center in Columbus, Georgia. Students participate in the care of Family Practice patients in the hospital and ambulatory setting. The students are also introduced to the principles of comprehensive and longitudinal health care. Supervision is provided by Family Practice physician faculty and private attending staff. For further information contact: Dr. Janine Burgher-Jones, Clerkship Director, Dept. of Family Practice, The Medical Center, Columbus, Georgia, telephone: (706) 571-1145. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact Medical Student Curriculum Coordinator, ext. 4075.)

FMP 5009* Family Practice Residency Externship, Memorial Medical Center, Savannah, GA (Special Elective)

Location: Family Practice Program
Memorial Medical Center
Savannah, Georgia

Enrollment: 1 Minimum 1 Maximum

Prerequisites: FMP 5000, MED 5000, PSY 5000,
OBG 5000, PED 5000

Duration: One Month

Months Offered: July through June

This elective at the Family Practice Residency Training Program of the Memorial Medical Center in Savannah, Georgia, provides the student with clinical experience in both ambulatory and inpatient settings of Family Medicine. In addition to the clinical exposure, the student also participates in daily group and individual teaching sessions. The student also participates in the provision of longitudinal and comprehensive health care.

Lodging, meals and travel allowances are usually available and should be discussed with Harold P. DuCloux, M.D., Interim Director of the Family Practice Residency Program Training Program, Memorial Medical Center, Savannah, Georgia. Telephone: (912) 356-8838. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact Medical Student Curriculum Coordinator, ext. 4075 and Kim Hahn 912/350-8076).

FMP 5010* Family Practice Rural Medicine Externship, Warrenton, GA (Special Elective)

Location: TriCounty Health System, Inc.
Warrenton, Crawfordville and Gibson
Dept. of Family Medicine

Enrollment: 1 Minimum 1 Maximum

Prerequisites: FMP 5000, MED 5000, PSY 5000,
OBG 5000, PED 5000

Duration: One Month

Months Offered: July through June

This elective is rural Family Medicine and is provided through the TriCounty Health System, Inc. in Warrenton, Crawfordville

and Gibson, Georgia, which serves as a rural teaching site for the Family Practice Residency Program at the Medical College of Georgia. The student has supervised exposure to a population of patients with undifferentiated health problems and actively participates in the evaluation and management of these problems. The student becomes familiar with the uniqueness of rural health care practice and establishes an appreciation for frequently encountered problems both acute and chronic. The student also has daily group and individual teaching sessions. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact Medical Student Curriculum Coordinator, ext. 4075.)

FMP 5011* Subinternship in Inpatient Family Medicine, Family Medicine Program, Medical College of Georgia, Augusta, GA (Special Elective)

Location: Family Medicine Inpatient Service
Medical College of Georgia Hospital,
Dept. of Family Medicine, Medical
College of Georgia, Augusta, GA

Location: Family Medicine, Medical
College of Georgia, Augusta, GA

Enrollment: 1 Minimum 2 Maximum

Prerequisites: FMP 5000

Duration: One Month

Months Offered: June through May

This elective is provided through the Family Medicine Inpatient Service of the Department of Family Medicine, Medical College of Georgia. This service provides the student with an in-depth exposure to the broad range of medical problems confronting the Family Physician in a hospital environment. The student assumes the primary medical care responsibilities for patients on the service and is supervised by Family Medicine Faculty and Senior Family Medicine residents. The student participates in all phases of patient evaluation from admission to discharge planning. Further information regarding this elective may be obtained from Julie Hendrich, M.D., Department of Family Medicine, 721-4674. (Participation in this elective must be arranged and approved by the Department of Family Medicine, Medical College of Georgia; contact Student Curriculum Coordinator, ext. 4075).

FMP 5012 Family Medicine and Family Therapy, Dept. of Family Practice The Medical Center, Columbus, GA (Special Elective)

Location: Department of Family Practice,
The Medical Center, Columbus, GA

Enrollment: 1 Minimum 2 Maximum

Prerequisites: FMP 5000, MED 5000, PSY 5000,
OBG 5000, PED 5000

Duration: One Month

Months Offered: July through June

This elective rotation is designed to allow medical students to increase their knowledge of family systems theory and to gain

skill in its application in the practice of Family Medicine. Emphasis is placed on the student's acquisition of specific skills to evaluate families and plan treatment strategies. Emphasis is also placed on the integration of Family Therapy knowledge and skills into routine medical care as well as the care of families with psychosomatic problems, life cycle transition stresses, or problems produced by illness or medical treatment. The student evaluates families in the hospital, Family Practice Center, and the Family Stress Clinic. Supervision is provided by Family Physicians and a Family Therapist. For further information contact Janine Burgher-Jones, M.D., Clerkship Director, Department of Family Practice, 706/571-1145. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact Medical Student Curriculum Coordinator, ext. 4075).

FMP 5013* Family Practice Residency Externship, Albany, GA (Special Elective)

Location: Southwest Georgia Family Practice Residency Program
Phoebe Putney Memorial Hospital
500 Third Avenue, Suite 103
Albany, Georgia 31702

Enrollment: 1 Minimum 1 Maximum

Prerequisites: FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000

Duration: One Month

Months Offered: July through June

The elective at the Southwest Georgia Family Practice Program at Phoebe Putney Memorial Hospital in Albany, Georgia provides the student with clinical experience in both ambulatory and inpatient settings of Family Medicine. In addition to the clinical exposure, the student also participates in daily group and individual teaching sessions. The student also participates in the provision of longitudinal and comprehensive health care.

Lodging, meals and travel allowances are available and should be discussed with Thomas Graf, M.D., Director of Southwest Georgia Family Practice Residency Program, Telephone number (229) 312-8871. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact Medical Student Curriculum Coordinator, extension 4075.)

FMP 5014* Family Practice Residency Externship, Morrow, GA (Special Elective)

Location: Atlanta Medical Center
Family Practice Residency Program
1000 Corporate Center Drive
Suite 200
Morrow, Georgia 30260

Enrollment: 0 Minimum 2 Maximum

Prerequisites: FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000

Duration: One Month

Months Offered: July through June

This elective with the Family Practice Residency Program of Georgia Baptist Medical Center is located in Morrow, Georgia

(17 miles south of the hospital). It provides the student with clinical experience in both ambulatory and inpatient settings of Family Practice. A special emphasis of our rotation is the incorporation of the principles of Community Oriented Primary Care in the curriculum. Longitudinal ambulatory care is stressed during the rotation. The student will also participate in all lectures and in individual teaching sessions.

Availability of quarters and meals should be discussed with Thomas Kelley, M.D., Student Coordinator, Family Practice Residency Program, Atlanta Medical Center, Morrow, Georgia. Telephone: (800) 851-1078. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact Medical Student Curriculum Coordinator, Ext. 4075)

FMP 5015 Primary Care Sports Medicine (Special Elective)

Location: MCG Sports Medicine Center or Sports Medicine Associates of Augusta

Enrollment: 1 Minimum 1 Maximum

Prerequisites: None

Duration: One Month

Months Offered: July through June

The primary care sport medicine elective is a clinical rotation for students interested in sports medicine. Through this rotation the student will be exposed to the wide range of sports medicine problems managed by a family practice sports medicine physician. The student will receive clinical experience in the Sports Medicine Clinic at MCG as well as participating in the fieldside medical coverage of various sporting events in the community. Following this rotation the student should be able to perform a thorough musculoskeletal physical examination and be familiar with the management of common sports medicine injuries. The student will be evaluated on their ability to perform the musculoskeletal examination and their evaluation of patients during the rotation. (Participation in this elective must be arranged through and approved by the Department of Family Medicine Student Curriculum Coordinator, ext. 4075.)

FMP 5016* Family Practice Residency Externship, Waycross, GA (Special Elective)

Location: Blackshear Family Practice
Okefenokee Satilla Regional Family Practice Residency Program
Satilla Regional Medical Center
410 Darling Avenue
Waycross, GA 31501

Enrollment: 0 Minimum 1 Maximum

Prerequisites: FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000

Duration: One Month

Months Offered: July through June

This elective with the residency program of the Satilla Regional Medical Center is located in Waycross and Blackshear, Georgia. It provides the student with clinical experience in both ambulatory and inpatient settings of Family Practice and will empha-

size continuity of care. Community involvement will also be stressed. The student will participate in daily group and individual teaching sessions.

Availability of housing should be discussed with the Residency Program Coordinator (912/287-4168). (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact the Medical Student Curriculum Coordinator, ext. 4075.)

**FMP 5018 Salvation Army Homeless Medical Clinic
Augusta, GA (Special Elective)**

Location: Salvation Army Medical Center
1384 Greene Street
Augusta, GA 30901
Enrollment: 0 Minimum 2 Maximum
Prerequisites: None
Duration: One Month
Months Offered: July through June

This elective consists of attendance at the Thursday evening clinics (four Thursdays) and three day clinics per week. Also required is attendance at one lecture and one workshop per week. Lectures would address issues related to the homeless population in general as well as medical care issues. Included in these lectures would be group discussions of topics such as: problems faced by the homeless population; events leading to a person becoming homeless and disease and illness in the homeless population. Workshops will cover skills relative to acute care settings. Students enrolled in this elective will also be required to complete a project related to health care and the homeless. Students will be required to meet with a facilitator once per week for project management. At the end of the elective, students will be required to formally present the project to the course director, students and other interested parties. Projects could lead to potential publication. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact the Medical Student Curriculum Coordinator, ext. 4075.)

**FMP 5019 Procedures in Family Medicine
(Special Elective)**

Location: Department of Family Medicine, MCG
Enrollment: 1 Minimum 1 Maximum
Prerequisites: Completion of Core Rotations
Months Offered: August, October, November, January

This is a clinical elective offered in the Department of Family Medicine at MCG with special emphasis on procedural medicine. This rotation is designed for medical students with an interest in Family Medicine and a desire to learn more about procedures commonly performed by family physicians. Students will be assigned one half day clinic per week in each of the following: flexible sigmoidoscopy, upper endoscopy, minor surgery, treadmill evaluations and osteopathic manipulations. Remaining time will be spent evaluating patients in the Family Medicine Center. (Participation in this elective must be

arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact the Medical Student Curriculum Coordinator, ext. 4075.

Department of Medicine

Allergy Immunology Elective: See PED 5006

Dermatology

MED 5001 Dermatology

Location: MCG Hospital and Clinics, Ft. Gordon
and VA Hospital
Enrollment: 4 Minimum 5 Maximum
Prerequisites: None
Duration: One Month
Months Offered: July through June

One month clerkship experience on the Dermatology service. Students will see inpatients and outpatients at the MCG Hospital and Clinics and also outpatients at Dermatology clinics at Fort Gordon, and VA Hospitals. Students participate in Dermatopathology Conferences, Journal Clubs, and Basic Science Seminars. Supervision will be provided by the full time staff and clinical faculty of the Section of Dermatology and the Dermatology housestaff. (Dr. Jack L. Leshner, Jr.)

**MED 5002 Off Campus Dermatology
(Special Elective—Green Sheet)**

Location: Off-Campus
Prerequisite: MED 5001
Off campus electives may be arranged, with prior approval of the faculty. (Dr. Jack L. Leshner, Jr.)

**MED 5003 Advanced Dermatology
(Special Elective)**

Location: MCG Hospital and Clinics
Enrollment: One Maximum
Prerequisites: MED 5001
Duration: One Month
Months Offered: By special arrangement

A one month elective for students committed to residency training in dermatology. Approval by Dermatology faculty.

**MED 5004 Dermatologic Surgery and Cutaneous
Oncology (Special Elective)**

Location: MCG Hospital and Clinics, Ft. Gordon
and VA Hospital
Enrollment: 1 Maximum
Prerequisites: MED 5001 and approval by Section Faculty
Duration: One Month
Months Offered: July through June

One month clerkship experience in dermatologic surgery clinics. A set of required readings in cutaneous oncology will be provided. Students will participate in dermatopathology and basic science conferences as well as journal club. The student will gain histologic experience in cutaneous tumors through participation in Mohs surgery clinics two days per week. Supervision

will be provided by the full time faculty and residents in the Section of Dermatology.

Medicine

MED 5000 Basic Clerkship in Medicine

This 12 week core clerkship provides background in the fundamentals, principles and skills of Internal Medicine. Students actively participate in patient care as a member of the health care team. Bedside clinical skills, patient presentations, write-ups, logical approach to diagnostic decision making, as well as accumulation and synthesis of medical knowledge are emphasized. All students spend 8 weeks on inpatient services (at least one month on campus) and one month in the ambulatory or community-based setting.

MED 5008* Acting Internship at VA Hospital

Location: VA Hospital, Augusta, Georgia
 Enrollment: 1 Minimum 3 Maximum
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

Students in this elective function as acting interns on the general medicine services at the Veterans Administration Hospital. The student will alternate patients with the intern in the initial workup treatment and care of these patients. The student will be closely supervised by the resident and faculty physician attending on the service. The acting intern will be responsible for planning and instituting the diagnostic workup and therapeutic program for his patients. In addition, he/she will assist in the teaching of junior medical students assigned to his service. The acting intern's on call schedule will be identical to that of the ward team.

MED 5009* Acting Internship at Eisenhower Medical Center, Fort Gordon, GA

Location: D. D. Eisenhower Army Medical Center (DDEAMC)
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

The student will participate in rounds, conferences, clinics and ward work. The staff of the hospital will serve as faculty for this course. Students will be assigned to one of the Internal Medicine ward services. A maximum of 3 students can be assigned to Internal Medicine. The on call schedule for the student will be identical to that of the ward team. Students will gain perspective of ambulatory medicine by participating in internal medicine clinic. (Browne)

MED 5010 Rheumatology

Location: MCGH
 Enrollment: 1 Minimum 6 Maximum
 Prerequisites: None
 Duration: One or Two Months
 Months Offered: July through June

A clinical multidisciplinary experience in the rheumatic diseases with a basic core of material pertinent to major diseases in this area; experience with consulting an clinical material. Special desires for more defined endeavor by the student will be considered. (Drs. Moore, Loebel and Goeckeritz).

MED 5011* Acting Internship at MCG Hospital

Location: MCG Hospital
 Enrollment: Maximum 4
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

Students taking the acting internship at MCG will essentially function as an intern on the team, admitting patients in sequence with the interns and working directly under the resident. Acting interns will be expected to attend all conferences the interns attend. The acting intern will complete the initial work up and determine the treatment plan in conjunction with the resident. The acting intern will function as the primary care physician for his/her patients but will be closely supervised in all activities by the resident and attending faculty physician. The acting interns on call schedule will be identical to that of the ward team.

MED 5012 Hematology/Oncology

Location: MCGH and VAH
 Enrollment: 1 Minimum 4 Maximum
 Prerequisites: MED 5000
 Duration: One or Two Months
 Months Available: July through June

Objective: This elective is designed to provide the basics in clinical hematology and medical oncology. Indepth study of blood and marrow morphology is emphasized. An approach to diagnosis and management as well as general principles of cancer chemotherapy will be stressed. The importance of interdisciplinary cancer decision making (internist, surgeon, radiation therapist) will be emphasized. Two halfday clinics each week are arranged to emphasize the diagnosis and therapy of common hematologic and oncologic disorders. (Drs. Kutlar, Ballester, Hiemenz, Kallab, Dainer, May and Bruno).

MED 5013 Renal Transplant/Yellow Medicine Elective

Location: MCGH
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: MED 5000, SUR 5000
 Duration: One Month
 Months Offered: July through June

Principal objective of this elective is to learn transplant immunosuppressive therapies and a practical approach to renal transplant patients. Emphasis will be placed on evaluation of

patients in the outpatient transplant clinic as well as hospitalized transplant patients. Opportunity will be available to observe renal transplantation in the operating room. In addition, inpatient experience in managing patients with renal disease including hemo and peritoneal dialysis, transplant rejection, nephrotic syndrome and uremic complications. Procedural opportunities may include dialysis catheter insertion. The service will be assisted by a renal fellow and medicine resident. (Drs. L. Mulloy, M. Jagadeesan, and James Wynn)

MED 5014 Rehabilitation Medicine at Walton Rehabilitation Hospital

Location: Walton Rehabilitation Hospital
Augusta, Georgia
Enrollment: 1 Minimum 1 Maximum
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

Objectives of the elective will be to learn general principles of rehabilitation medicine in the hospital setting, in addition to participation in a multidisciplinary approach to treatment of patients undergoing rehabilitation. The student will have some clinical responsibility for patients admitted to the hospital and follow them through their rehabilitation. Specialty programs for Brain Injury, Pediatric Rehab., Spinal Cord Injury, Stroke Rehab. (Dr. Pamela Salazar)

MED 5015 Clinical Cardiology Savannah (Special Elective)

Location: Department of Adult Cardiology,
Lloyd Goodman, M.D., Medical Dir.
Memorial Health University Medical Center
Savannah, GA
Enrollment: Maximum 1*
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

***This elective is by arrangement only with the Medical Student Coordinator by calling Kim Hahn at 912/350-8076. After signing up for this elective, drops must be cleared by the Medical Student Coordinator in Savannah.**

Students will participate in daily ECG instruction as well as cardiovascular evaluation of all service consultations and daily rounds, including rounds on private patients when appropriate. Supervised participation in the weekly Cardiac Clinic, opportunity for observation of cardiac catheterization procedures, deep line placement (especially pulmonary artery balloon catheters), pericardiocentesis and noninvasive procedure, including exercise testing, with emphasis on echocardiography are included. Students will attend all medical education programs, including daily noon conferences, Friday Grand Rounds and Wednesday morning House Staff Conference. Students may participate, if time permits, in general medical morning report and/or attending rounds.

MED 5016 Nephrology Consult Elective

Location: MCGH
Enrollment: 1 Minimum 4 Maximum
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

Experience in clinical nephrology through participation in inpatient consultations, teaching conferences, and once weekly general nephrology outpatient clinic. (Drs. P. Fall, L. Mulloy, H. Szerlip, M. Jagadeesan)

MED 5017 Cardiology Consultation Service at MCGHC

Location: MCGHC
Enrollment: 3 Maximum
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

The MCG Cardiology elective is an integrated rotation between the cardiology consult service and the special procedure labs. Students time will be divided between the consult service and the labs.

On the consult service the student will be exposed to various cardiovascular diseases in medical and pre and post-operative surgical in-patients. The student will be part of the consultative team working closely with the cardiology attending and the fellow. Patients will be seen with bedside teaching emphasizing physical and differential diagnosis. The student will be expected to provide references appropriate for each case evaluated. During this time, the student will become familiar with the indications, usefulness and limitations of diagnostic tests and special procedures such as echocardiography, cardiac catheterization, stress testing, electrophysiology studies and nuclear cardiology.

Each week the student will spend one day in one of the special procedures laboratories (cardiac catheterization lab, ECHO lab, electrophysiology labs and Nuclear/stress testing lab.) The appropriate attending and fellow prior to and during the lab day will provide didactic teaching. Students will have an opportunity to see left and right catheterizations, coronary interventions, transthoracic and transesophageal echocardiography, catheter ablations, pacemaker and/or AICD implantations, cardioversions and stress testing. The EKG laboratory will provide EKGs each day to be read with the EKG attending.

Invasive and non-invasive conferences are scheduled throughout the week and journal club is once a month. Students are required to attend conferences. (Drs. Kapoor, Landolfo, Nalamolu, Robinson, Shah, Sharma and Thornton).

MED 5018 Cardiology Consultation Service at VA

Location: VA
 Enrollment: 1 Maximum
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

The emphasis of this rotation is on consultative cardiology and electrocardiographic interpretation. The student will work closely with the cardiology attending and the cardiology fellow. The major clinical emphasis is on physical diagnosis and differential diagnosis of various cardiovascular diseases. The student will read a considerable number of electrocardiograms. Students will be familiarized with the indications, usefulness and limitations of special procedures such as echocardiography, stress testing, nuclear cardiology and cardiac catheterization. The student will attend all weekly conferences of the Department of Critical Care. (Dr. Mandawat)

MED 5019 Cardiology at Eisenhower Medical Center (Ft. Gordon)

Location: DDEAMC
 Enrollment: 1 Minimum 1 Maximum
 Prerequisites: MED 5000
 Duration: One To Two Months
 Months Offered: July through June

This course is designed to provide basic knowledge in the problems of heart disease and its complications. Students will participate in the care of patients in the Intensive Care Unit as well as on medical wards and outpatient service. They will also spend time understanding and reading electrocardiograms, phonocardiograms, echocardiograms (M mode and 2D), and Graded exercise tests (GXT). (Drs. Orgera, Noe, Gorman and Hunt)

MED 5020 Cardiology at VA Acting Internship

Location: VA Hospital, Downtown Division
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

The concentration is on direct patient care and management based on sound approaches to cardiologic diagnosis and management. Students will participate in the care of CCU and Ward patients as well as outpatient followup. Experience in exercise testing, ECG interpretation and exposure to other graphics will be offered. The on call schedule will be identical to that of the ward team. (Dr. Mandawat)

MED 5021 Gastroenterology at MCGH

Location: MCGH
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

This course is designed to provide an understanding of clinical aspects of diseases of the digestive system, pancreas and liver,

including endoscopy, interpretation of gastrointestinal x-rays, biopsies and laboratory results. It consists of rounds, conferences and clinics at the MCG Hospital. (Drs. Schade, *Chief*; Cuartas, Chaudhary, Middleton, Singh, Sridhar and Spaulding)

MED 5022 Clinical Cardiology

Location: Doctor's Hospital, Augusta
 Enrollment: 1 Minimum 1 Maximum
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

The student will serve as an extern to one physician engaged in the practice of cardiology. This will involve diagnostic workup, rounding on hospitalized patients, and training in the use of invasive and noninvasive techniques of patient study including EKG, fluoroscopy, office and hospital Nuclear Cardiology, treadmill, echocardiography, external pulse recordings, cardiac catheterizations. An 8 bed coronary care unit is heavily utilized and emergency procedures are stressed. (Dr. Mucha)

MED 5023 Pulmonary Diseases Consult

Location: MCGH
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

This elective is designed to provide experience in consultative pulmonary medicine. Emphasis is placed upon the clinical evaluation of patients with altered lung function, and the appropriate use of both invasive and noninvasive pulmonary diagnostic procedures. The student will gain experience in interpretation of chest roentgenograms, pulmonary function tests, and arterial blood gases. Selected pulmonary topics are covered in the weekly pulmonary conference. (Drs. Davis, Gossage, Blanchard, Dillard and Brice)

MED 5024M Infectious Diseases**MED 5024FT****MED 5024VA****MED 5024UH**

Location: MED5024M—MCG Hospital and Clinics,
 MED5024FT—Dwight David Eisenhower
 Army Medical Center
 MED5024VA—VA Medical Center
 MED5024UH—University Hospital

Enrollment: MCG Maximum 4
 VAMC Maximum 2
 DDEAMC Maximum 1
 UH Maximum 2*

Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

This clinical consultation service provides experience in the diagnosis and management of patients with infections, interpretation of stained specimen cultures and sensitivity data, serology

and the appropriate use of antimicrobial and antiviral agents. The elective consists of rounds, clinics and conferences at the MCG Hospital and Clinics, VA Medical Center, and Dwight D. Eisenhower Army Medical Center. Internal Medicine Residents are usually available at VA, MCG and Ft. Gordon hospitals; infectious disease fellows may additionally attend at the VA and MCG hospitals. Daily didactic instruction is provided. On call availability is needed. Students may elect which hospital with preferences honored insofar as possible. MCG and VA physicians routinely make consultation rounds at both the VA Medical Center and MCG Hospital and Clinics concurrently (in the same month). Thus, patients are assigned in rotation, not on the basis of hospital preference during these months. A joint ID problem conference rotates weekly between the four hospitals and is held Friday at 10:00 AM. MCG and VA students routinely attend two clinics weekly: Monday p.m., Tuesday a.m. or Wednesday p.m. (MCG) and Thursday a.m. (VA or MCG). HIV disease is common, particularly in these clinics. The ID office (Ext. 721-2236) can give the students the attendings name for any month after assignments are made.

MCG/VA: Drs. J. Peter Rissing (Section Chief), David Haburchak, Cheryl Newman, Malliga E. Ganapathy and Keith Woeltje., Brian Catto, Baxter Craig, John Fisher, Mary Forsyth.

Ft. Gordon: Dr. Robert J. Kazragis, Dr. Peter Skidmore

University Hospital: Dr. Jack Austin

The student(s) will spend four weeks working one on one with a Clinical Infectious Disease attending at the University Hospital. Duties include inhouse consults as well as participating in the care of office patients. Additionally, the student attends the Wednesday University ID clinic and sees consults for the staff service. Didactic instruction is provided daily. The student attends the Friday ID conference and other conferences as appropriate.

MED 5025 Preceptorship in Internal Medicine (Special Elective–Green Sheet)

Location: Office of the Preceptor Selected
Enrollment: Arranged individually
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

Clinical preceptorship spent working closely with an internist. Each student will accompany the preceptor in his/her office and hospital functions during the period of the elective. Before approval the student must provide a **written statement** from the prospective preceptor, **accepting** student to do elective, including **description** of the content of the elective and the name of the preceptor responsible for evaluation. Elective must be approved by Dr. Harold Szerlip. (BI-5072, Ext. 2055)

MED 5026 Critical Care Medicine (VA ICU)

Location: VA, Downtown Division, Augusta, GA
Enrollment: Maximum 2
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

A primary care elective where the student can expect patient care teaching in all aspects of Critical Care. Especially valuable to those interested in Surgery, Anesthesia or Medicine. Work with a critical Care Team: Intern, Resident, Fellow, Staff. (Drs. Ewald, Smith, Davis and Brice)

MED 5027 Off Campus Elective (Special Elective–Green Sheet)

Location: Off Campus
Enrollment: Indefinite
Prerequisites: MED 5000
Duration: One to Two Months
Months Offered: July through June

Special arrangements can be made for elective periods of one month in the Department of Medicine at other medical schools and teaching institutions. These electives can be spent in general Internal Medicine or medical subspecialties. The following must accompany the Green Sheet: **written statement** accepting student to do elective including **description** of the content of the elective and name of preceptor responsible for evaluation. Elective must be approved by Dr. Harold Szerlip, BI-5072, ext. 2055.

MED 5028 Research Elective in Medicine (Special Elective–Green Sheet)

Location: MCG Hospital and Clinics and/or VA Medical Center
Enrollment: 1 Minimum 16 Maximum
Prerequisites: Approval by Faculty Member with whom research will be done
Duration: One Month or longer by arrangement
Months Offered: July through June

Opportunity to participate in research programs being conducted by members of the faculty of the Department of Medicine. Arrangements to be made by the student with a member of the faculty. A **description** of proposed project must be submitted to and approved by Dr. Harold Szerlip, BI-5072, Ext. 2055. A copy of the description must accompany the Green Sheet. If the duration of the elective is more than one month, students only receive credit for a one month elective.

(The research elective in Metabolic and Endocrine Disease requires MED 5039 as a prerequisite.)

MED 5029* Acting Internship at Memorial Health University Medical Center, Savannah, GA (Special Elective *)

Location: Memorial Health University Medical Center
Savannah, Georgia
Enrollment: 1 Maximum
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

***This elective is by arrangement only with the Medical Student Coordinator by calling Kim Hahn at 912/350-8076. After signing up for this elective, drops must be cleared by the Medical Student Coordinator in Savannah.**

Students will essentially function at a "subintern" level. He/she will be responsible for case presentations to attendings, workup and care of patients while under the supervision of an upper level resident. This will give students the opportunity to become intimately involved in the decision process and care of his/her patients. Call will be taken with the assigned team, which is every fourth day. Didactic teaching and rounds will be conducted by fulltime faculty and practicing physicians.

MED 5030* Advanced Internship at Atlanta Medical Center

Location: Atlanta Medical Center
Atlanta, GA
Enrollment: 1 Minimum 4 Maximum
Prerequisites: MED 5000
Duration: One to Two Months
Months Offered: July through June

The Department of Medicine at Atlanta Medical Center in Atlanta, Georgia offers a clerkship in General Internal Medicine and all subspecialties. Clerkships will involve evaluation and management of both in- and outpatients. The program, to include conferences, rounds and seminars, is under the direction of full time department physicians in Internal Medicine. On Call Schedule is individualized, depending on rotation but will be no more frequently than every fourth night. Internal Medicine Program Director: Miriam Parker, M.D. Call Room available when students are on call.

MED 5031 Clinical Cardiology

Location: Doctor's Hospital, Augusta
Enrollment: Maximum 1
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

The student will serve as an extern to two physicians engaged in the group practice of cardiology. This will involve diagnostic workup, rounding on hospitalized patients, and training in the use of invasive and noninvasive techniques of patient study including EKG, fluoroscopy, treadmill, echocardiography, nuclear cardiology studies, Holter studies, pacemaker insertion, cardiac catheterizations, coronary angioplasty and stents. Also,

there is exposure to a busy cardiac office practice. A 16 bed coronary intensive care unit and telemetry unit are heavily utilized and emergency procedures are stressed. (Drs. Reeves and Smith) 863-5635.

MED 5033 Pulmonary Medicine Consult at VAMC

Location: VA Downtown Division, Augusta
Enrollment: 1 Maximum
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

Consult service elective featuring the availability of the full gamut of pulmonary diagnostic techniques; emphasis on pathophysiology and its application to patient care. (Drs. Smith, Ewald, Gossage and Davis)

MED 5034 Pulmonary/Medical Critical Care

Location: MCGH
Enrollment: 1 Minimum 2 Maximum
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

This elective is designed to provide an intensive experience in critical care medicine. Emphasis is placed upon clinical evaluation and management of critically ill patients: mechanical ventilatory support, hemodynamic and ventilatory monitoring and other critical care interventions. Didactic sessions, conferences and teaching rounds provide a broad view of clinical approaches to critically ill patients. (Drs. Gossage, Brice, Davis, Blanchard and Dillard)

MED 5035 Clinical Endocrinology (Medicine) at Savannah, GA (Special Elective*)

Location: Memorial Health University Medical Center and Office of Kaveh Ehsanipoor, M.D
Enrollment: Maximum 1per rotation
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

***This elective is by arrangement only with the Medical Student Coordinator by calling Kim Hahn at 912/350-8076. After signing up for this elective, drops must be cleared by the Medical Student Coordinator in Savannah.**

Students will have exposure to Clinical Endocrinology and Diabetes Mellitus both in a hospital setting as well as private practice. Inpatient consultations and ambulatory clinics at Memorial Medical Center are the primary activities of the elective. In addition, students will also be involved in the evaluation and followup of patients in the private office setting. These activities are carried out in association with one or more Medical and/or Family Practice Residents. All activities are supervised by Dr. Ehsanipoor. Thyroid, adrenal, parathyroid, pituitary, gonadal and reproductive diseases as well as electrolyte disturbances and diabetes will be discussed. Didactic lectures are given by Dr. Ehsanipoor at least twice a month.

**MED 5036 Pulmonary Elective for Senior Students
at Eisenhower Medical Center,
Ft. Gordon, GA**

Location: DDEAMC
Enrollment: 1 Minimum 1 Maximum
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

The Pulmonary Disease elective will give the student exposure to all facets of acute and chronic pulmonary diseases. Inpatient and outpatient consultations will be performed under the supervision of the fundamentals of a sophisticated pulmonary function laboratory and will be expected to learn the basic interpretations of pulmonary function tests. The student will be expected to participate in teaching conferences involving the pulmonary disease service. (Drs. Honeycutt, Gavin, Lee, Atkins and Quinn)

**MED 5037 Gastroenterology at Eisenhower Medical
Center, Ft. Gordon, for 4th year medical
students**

Location: DDEAMC
Enrollment: 1 Minimum 1 Maximum
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

The student is expected to participate in all aspects of the Gastroenterology service, including inpatient and outpatient consultations, and to observe GI procedures (such as gastroscopy, colonoscopy, laparoscopy). The student will be taught proctoscopy in the weekly proctoscopy clinic. Basic GI physiology and pathophysiology will be stressed. The number of patients seen will be limited and the student will be expected to provide references appropriate for each case he/she evaluates. A reading syllabus covering basic GI physiology and disease will be provided. The student will be expected to give a 15 minute seminar once a week on the topic of his/her choice (covering an area of basic GI physiology). The student is expected to attend GI Journal Club and GI Pathology conferences Thursday afternoon at the Medical College of Georgia. (Drs. Rosen, Fincher, Liveringharse and Farrington)

MED 5038 General Internal Medicine Preceptorship

Location: University Hospital, Augusta
Enrollment: Maximum 1
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

During this elective, the student will have the opportunity to observe Internal Medicine in a private practice setting. This includes interacting with other medical and surgical specialties, procedures such as flexible sigmoidoscopy, pulmonary function testing and direct patient care. The patient care includes outpatient and inpatient care, with the student making rounds on inpatients in the intensive care and general ward. The schedule and emphasis will be tailored to the students interests. (Jimmy V. Lemke, M.D.)

**MED 5039 Clinical Endocrinology (Medicine)
Interrelates with ITD 501 E**

Location: MCGH and VAMC
Enrollment: 1 Maximum
Prerequisites: MED 5000
Duration: 1 Month
Months Offered: July through June

Inpatient consultations and ambulatory clinics at the MCGH and VAMC are the primary activities of the elective. These activities are carried out in association with one or more medical residents and a clinical endocrine fellow. They are supervised by members of the Section of Endocrinology and Metabolism. The supervised management of cases encountered in these settings will provide the vehicle for teaching. Thyroid, adrenal, parathyroid, pituitary and gonadal diseases as well as diabetes, developmental problems, virilization and electrolyte disorders will be discussed. There will be opportunities for didactic presentations and students will be expected to read relevant clinical literature. A textbook and collection of reprints is provided on loan and a series of core didactic lectures is presented for students on the rotation. Student responsibilities will include participation in Section inpatient consultation and clinic activities, as well as the weekly clinical conference at which case presentations will be made. (Drs. Isales, Mulloy, Stachura and Chin).

MED 5040 Cardiology

Location: Office of Drs. Ray Johnson, Peter Bigham, Bleakley Chandler, Jr., Paul Cundey, Jr., Paul Cundey, III, John Hennecken, Scott Key, John Salazar, and Richard Whitlock
Augusta, GA
Enrollment: 1 Maximum
Prerequisites: MED 5000
Duration: One Month
Months Offered: July, September, November, January, March, and May

Student will have exposure to clinical cardiology both in hospital setting as well as the office. Student will be involved in the evaluation of new patients, as well as management of routine followup of patients, in terms of physical examinations and discussion of acceptable methods of therapy. In addition, the student will become familiar with Treadmill Exercise Testing, both in the office as well as hospital setting. This group of physicians has a two dimensional sector scanner in the office that is used on a daily basis, so that the student will also become exposed to both M mode echocardiography as well as two dimensional sector scanning, Doppler Echo technique and transesophageal echo. This will provide additional means of evaluation of patients with abnormalities. Dr. Abdulla and Dr. Cundey are trained in nuclear cardiology for thallium studies. A nuclear camera is operational in their office for tomographic thallium treadmill studies.

An average of anywhere from 25 to 30 cardiac catheterizations at University Hospital per week are performed and the student would have some exposure to these patients. The student would not be expected to assist during this procedure, but

rather to become familiar with the techniques and indications of the procedure. He will also watch angioplasty directional atherectomy and permanent pacemaker insertions along with electrophysiologic procedures.

This elective will provide the opportunity for a senior medical student to evaluate a patient in the office and follow his activity both as an outpatient as well as through a hospital admission to include certain diagnostic tests and after through bypass surgery. Hopefully, this will allow the student to formulate his own method of appropriate evaluation and therapy in patients with cardiovascular illnesses.

A student who is interested in further training in cardiology or internal medicine after graduation is preferred by this group of physicians.

MED 5042 Nephrology Service at DDEAMC, Ft. Gordon, GA

Location: D.D. Eisenhower Army Medical Ct.
 Enrollment: 1 Minimum 1 Maximum
 Prerequisites: MED 5000
 Duration: One to Two Months
 Months Offered: July through June

The student will participate in rounds, conferences, clinics and ward work. The staff of the Nephrology Clinic will serve as faculty for this course. Inpatient and outpatient consultations will be performed. (Dr. Williams)

MED 5045 Ambulatory and Consultative Internal Medicine Service

Location: D.D. Eisenhower Army Medical Ct.
 Ft. Gordon, Georgia
 Enrollment: Maximum 1
 Prerequisites: MED 5000
 Duration: One to Two Months
 Months Offered: July through June

The student will participate in all aspects of General Internal Medicine to include outpatient consultations and procedures. The number of patients will be limited and the student will be expected to provide references appropriate for each case he/she evaluates. The student will be expected to attend all internal medicine conferences. (Dr. Tafferi)

MED 5046 Endocrinology Service at Eisenhower Army Medical Center

Location: D.D. Eisenhower Army Medical Ct.
 Ft. Gordon, Georgia
 Enrollment: Maximum 1
 Prerequisites: MED 5000
 Duration: One to Two Months
 Months Offered: July through June

The student will participate in rounds, conferences, clinics and ward work. The staff of the Endocrinology Clinic will serve as faculty for this course. Inpatient and outpatient consultations will be performed. (Drs. Hancock and Wood)

MED 5049 Medical Intensive Care at EAMC

Location: DDEAMC
 Enrollment: Maximum 1
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

Primary care acting intern experience in the ICU setting. Acting intern will provide primary care for up to 3 patients under the supervision of a resident and attending physician. Call schedule will be every fourth night; rounds on Saturday and Sunday required. One day off each week.
 (Drs. Honeycutt, Browne, Gavin, Lee, Atkins and Quinn)

MED 5050 Inpatient Cardiology at Atlanta Medical Center (Special Elective)

Location: Atlanta Medical Center
 Atlanta, GA
 Enrollment: 1 Maximum
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

This rotation is an acting internship and will concentrate on the inpatient rotation with the initial workup and management of cardiology patients from the emergency room as well as through consultation. The student will follow the patient through any inpatient testing including exercise stress testing, echocardiogram or cardiac catheterization. The rotation will include both intensive care as well as telemetry and ward patients. This rotation will require weekend rounding and every fourth night oncall responsibilities in conjunction with the rounding team. Participation in the Morning Report and medicine conferences throughout the week will be required. Internal Medicine Program Director: Miriam Parker, M.D.

MED 5051 Outpatient Cardiology at Atlanta Medical Center and Private Practice Office (Special Elective)

Location: Atlanta Medical Center
 and Cardiac Disease Specialists
 (Private Practice) Atlanta, GA
 Enrollment: 1 Maximum
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

This elective will allow the senior student to participate in cardiology practice in the outpatient setting. The student will do a new patient workup each day for a variety of cardiovascular problems and follow those patients through their workup including stress testing, nuclear cardiology and echocardiogram. The student will get a working knowledge of these three outpatient procedures and their diagnostic capabilities. Outlying clinics outside of Atlanta may or may not be added depending on the student's interest. Internal Medicine Program Director: Miriam Parker, M.D.

MED 5052 Gastroenterology at Atlanta Medical Center (Special Elective)

Location: Atlanta Medical Center
Atlanta, GA
Enrollment: 1 Minimum 2 Maximum
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

Students on this elective will rotate with the four Gastroenterology Attendings, caring for patients in the hospital, doing consults and observing Gastrointestinal procedures. The student will also have the opportunity to see patients in the office with the various attendings and review liver pathology slides with John Galambos, M.D. The student would be expected to attend all conferences and will be asked to give a conference discussion at the medical-surgical conference. Program Director: Miriam Parker, M.D.; Gastroenterology attending at Georgia Baptist Health Care System: Drs. Christopher Sarzen, Gary Richter and Luther Buse.

MED 5053 Gastroenterology at Memorial Health University Medical Center, Savannah, GA (Special Elective*)

Location: Savannah Center for Digestive and Liver Diseases, Memorial Health University Medical Center, Inc
Enrollment: Maximum 1
Prerequisites: MED 5000
Duration: One Month
Months Offered: July through June

***This elective is by arrangement only with the Medical Student Coordinator by calling Kim Hahn at 912/350-8076. After signing up for this elective, drops must be cleared by the Medical Student Coordinator in Savannah.**

Students rotating through this elective will actively participate in both inoffice and inhospital consultation, and will be encouraged to observe gastrointestinal endoscopic procedure (upper GI endoscopy, flexible sigmoidoscopy, colonoscopy and ERCP). Students will participate in the biweekly gastroenterology clinic and will attend all medical education conferences, noon conferences, Friday Grand Rounds and Wednesday housestaff conference). In all cases, integration of basic gastrointestinal physiology with clinicopathologic findings will be stressed. Opportunities to make rounds at two other Savannah hospitals with the attending physicians will be available. Students will also have the opportunity to participate in clinical trials being performed by Drs. Carpenter, Murphy, and Rydzak. Preceptors are: Dr. Steven Carpenter, Dr. Mark Murphy and Dr. Edward Rydzak, Dr. Charles Duckworth.

MED 5056 Epidemiology–Atlanta (Special Elective)*

Location: Centers for Disease Control and Prevention (CDC), Atlanta
Enrollment: Maximum number is variable
Prerequisites: MED 5000
Duration: 1 to 2 months
Months Offered: September through June (applications must be submitted to the Epidemiology Program Office at CDC by May 30 of the student's third year)

This elective is designed to introduce the student to applied epidemiology, preventive medicine, and public health as practiced at CDC. Students have the opportunity to actively assist in epidemiologic investigations of infectious diseases and in studies of a wide variety of public health problems such as chronic, environmental, and occupational diseases, injuries, and reproductive health. Students work under the supervision of CDC epidemiologists and work on specific projects. Students are also exposed to day-to-day operations and a broad range of activities at CDC. Familiarity with computers and data analysis is helpful but not essential. Students are responsible for providing their own living and travel expenses.

MED 5057 Geriatric Medicine, Savannah, GA (Special Elective*)

Location: Department of Internal Medicine
Center for Successful Aging
Ali R. Rahimi, M.D., F.A.C.P.
Chief of Geriatrics, Memorial Health University Medical Center, Savannah, GA
Enrollment: Maximum 1
Prerequisites: MED 5000
Duration: Four weeks
Months Offered: July through June

***This elective is by arrangement only with the Medical Student Coordinator by calling Kim Hahn at 912/350-8076. After signing up for this elective, drops must be cleared by the Medical Student Coordinator in Savannah.**

Students will participate in daily discussion of all geriatric admissions and work rounds. The students will also participate in geriatric clinics to work up a variety of geriatric syndromes including falls, incontinence, dementia, syncope, failure to thrive, sensory impairment, and cardiovascular disease in the elderly. Students will be given reading assignments of geriatric core curriculum. Students will have opportunity to observe, and if interested, actively participate in urodynamics and tilt table procedures. Students will also participate in weekly "Geriatric Currents" and monthly Geriatric-Psych Case Conferences. Students will also attend all medical education programs including daily Noon Conferences, Friday Grand Rounds, and may also participate in medical morning report.

MED 5059 Clinical Cardiology

Location: Augusta Heart Associates
 Enrollment: Maximum 1
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

The student will be taught on a one-to-one basis the basics of the cardiovascular physical examination and cardiac physical diagnosis with correlation to the pathophysiologic disease states. He/she will see patients in a private office and hospital setting under the direct supervision of a cardiology attending physician. The student will complete a computer module of heart sounds and have weekly didactic sessions with an attending physician. The student will present short weekly presentations for Attendings and staff on pertinent clinical areas which are assigned or which he/she chooses as an area of interest. (Drs. Bowman and Holman) 724-4400

**MED 5060 Telehealth Technology
(Special Elective)**

Location: MCG, AI-1025
 Enrollment: Maximum 2
 Prerequisites: None
 Duration: One Month
 Months Offered: September through May

The basic technologies of telemedical instrumentation, communications, informatics, and interactive sound and video are discussed. Students explore the technical issues of telehealth applications using traditional and on-line information sources and the technical demonstrations in the Center's Telehealth Resource Laboratory. Students will become familiar with the utility of telehealth and information technologies in general and in terms of their individual professional goals and objectives.

**MED 5061 Outpatient Nutritional Therapy
(Special Elective)**

Location: CSRA Partners in Health
 Enrollment: One student per month
 Prerequisites: None
 Duration: One Month
 Months Offered: By Arrangement

The student will participate as a member of a team consisting of a physician, dietitian, nurse and educators. The student will perform histories and physical examinations, and be actively involved in treatment plans, follow-up care, and teaching. The majority of patients are obese; some have hyperlipidemia, eating disorders, diabetes or other nutritional concerns. Treatment of these nutritional problems is integrated with management of other medical problems and the patient's lifestyle. There will be opportunity for interested students to be involved with research study protocols. (Diane Smith, M.D., 1220 Augusta West Parkway, Augusta, GA 30901, phone 860-3001).

MED 5062 LSU Ambulatory

Location: VAMC LSU, Augusta, GA
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: MED 5000
 Duration: One Month

The principal objective of this elective is to provide an opportunity to expose students to an acute care medicine practice. This experience will afford the medical student the opportunity to enrich history taking, physical examination, and integration skills, as well as exposure to procedures common in the ambulatory setting. The student will work exclusively with a General Medicine attending and a PGY-3 Medicine resident. The didactic component will consist of participation in the Ambulatory Lecture series on Wednesday AM and Ambulatory Morning report. (Drs. Spencer, Kovacs and Harper)

**MED 5063 Outpatient Cardiology/Atlanta
(Special Elective)**

Location: Cardiology of Georgia, P.C.
 755 Mt. Vernon Highway, Suite 530
 Atlanta, GA 30328
 Enrollment: 1 Maximum
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

This elective will allow the senior student to participate in a busy cardiology practice in the outpatient setting. The student will be involved in the evaluation of new patients and consultations, in terms of physical examinations and discussion of acceptable methods of diagnosis and treatment. Cardiovascular risk assessment, diagnosis and treatment are emphasized. Hyperlipidemia management and women and heart disease are also a special focus. The student will be involved daily with treadmill exercise testing including nuclear stress testing and stress echocardiography. Echocardiograms, EKG's, Holter monitoring, and Event recordings are reviewed daily. The student will have exposure to Electron Beam CT for the diagnosis of CAD.

**MED 5067* Acting Internship Off Campus
(Special Elective-Green Sheet*)**

Location: UT-Chattanooga, to be arranged with Dr. Harold Szerlip
 Enrollment: To be arranged with Dr. Walter Moore
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

Students taking the acting internship will essentially function as an intern on the team, admitting patients in sequence with the interns and working directly under the resident. (Dr. Harold Szerlip, BI-5072)

**MED 5068 Migrant and Underserved Health Care
(Special Elective–Green Sheet*)**

Location: Lyons, GA
 Enrollment: 1 Maximum
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

Students will accompany the Southeast Regional Care Cooperationi unit to the field to participate in the medical care of migrant farm workers and other underserved and uninsured individuals. Further development of students' clinical, diagnostic decision making, and patient management skills are emphasized. In addition, students will learn about running a clinic and gain an understanding of coding and billing procedures and Medicaid/Medicare requirements and regulations. This elective is by arrangement only. (T. Andrew Albritton, M.D.)

MED 5069 Pulmonary/Critical Care at Atlanta Medical

Location: Atlanta Medical Center
 Enrollment: 1 Maximum
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

This elective provides an intensive experience in critical care medicine. Under the supervision of the critical care attending physician, students will evaluate and manage critically ill patients. Students will have the opportunity to gain experience with mechanical ventilator management, hemodynamic monitoring and other critical care interventions. (Drs. Louis Lovett and George Lucas)

**MED 5070 Pulmonary/Critical Care in South Georgia
(Special Elective*)**

Location: Archbold Medical Center
 Thomasville, Georgia
 Office # of Dr. Rosenblum
 (912) 225-1900
 Enrollment: Maximum 1
 Duration: One Month
 Months Offered: Sept., Nov., Jan., March, May

Under the direction of a pulmonologist Dr. Fred Rosenblum, this elective will allow exposure to both inpatient critical care and pulmonary medicine as well as outpatient pulmonary management. Dr. Raul Santos, a nephrologist, and Dr. Craig Wolff, a pulmonologist, will also participate. All three have their critical care certification and practice at Archbold Medical Center in Thomasville, Georgia. The elective will offer a broad opportunity to participate directly in patient care, procedures, and didactic sessions with active clinicians.

**MED 5075 Critical Care and Pulmonary Medicine
(Special Elective)**

Location: Doctor's Hospital
 Enrollment: Maximum 1
 Prerequisites: MED 5000
 Duration: One Month
 Months Offered: July through June

The student will work with nine critical care physicians at Doctor's Hospital. These physicians provide seven days per week, 24-hour a day coverage for inpatients at the hospital. The student will be assigned to round on, and manage under supervision, between two or three critically ill patients, depending on the complexity and student abilities. The practice consists of patients admitted to the Burn Unit, admission of unassigned medical and critically ill patients from the emergency room, inpatient consultation to MICU and SICU, and management of critically ill patients accepted in transfer from outlying hospitals. All types of acute medical problems are seen in this practice environment. There is an extensive reference list and journal library as well as a textbook library.

The student will have one-on-one teaching with all nine of the clinical faculty. Experiences in diagnostic studies are also available for the interested student. (Drs. Scott A. Deppe, Behnia, Friedman, Epperly, Ruiz, Shaver, Trello, Vaughn and Joseph, 706/869-0710)

Department of Neurology

**NEU 5001A Acting Internship in Adult Neurology
5001B (Special Elective)**

Location: 5001A–MCG Hospital
 5001B–VA Medical center
 Enrollment: 2 Maximum per month at each hospital
 Prerequisites: NEU 5000
 Duration: One Month
 Months Offered: July through June

This is a patient care elective. The student will have primary care responsibility for a block of neurological inpatients. The student will participate in rounds and conferences and will assist with the diagnostic procedures involving his/her patients. The student will be expected to participate in the oncall rotation with other housestaff. (Contact Neurology office, 721-1990.)

**NEU 5002A Consultation and Clinics in Adult
5002B Neurology (Special Elective)**

Location: 5002A–MCG Hospital
 5002B–VA Medical Center
 Enrollment: 2 Maximum per month at each hospital
 Prerequisites: NEU 5000
 Duration: One Month
 Months Offered: July through June

This elective is designed to provide an introduction into decision making in Neurology. The student will attend Adult Neurology Clinics and participate in the direct evaluation of

patients. There is ample opportunity to examine and evaluate patients with a wide range of neurological problems. A close working relationship with the neurology attending faculty will allow maximal learning potential. (Contact Neurology office, 721-1990.)

**NEU 5003 Computer Applications in Neurology
(Special Elective)**

Location: MCG Hospital
Enrollment: 1 Minimum 3 Maximum
Prerequisites: None
Duration: One to Three Months
Months Offered: July through June
Faculty Sponsor: Dr. Michael H. Rivner

This elective allows the student to develop an understanding of computer applications in Medicine and Neurology. The student will use the Neurology Department's computer system, which consists of 60 computers organized in a local area network using the Netware operating system. Such a system represents the forefront of computerized technology. Many projects are available for the student to work on, including the development of patient databases, artificial intelligence, and signal analysis. The student will work on a program under the direction of Dr. Michael Rivner. Programs will be written in C, Basic, Pascal or Fortran. Compilers are available in all of these languages. No prior experience in programming or engineering is necessary. However such experience is highly desirable. If the student does not have experience in programming, programming will be taught during this elective period, mainly by self study. The following projects are currently active: (1) Neurology patient database; (2) Billing systems; (3) EMG signal analysis and spike detection; (5) Stroke patient database; (7) Decision analysis in Neurology and/or EMG; and (8) Generalized systems programming. After completion of this elective, it is believed that the student will have a firm understanding of the role that computers play in medicine. Completion of this elective will allow the student to become familiar and confident about computer systems in medicine. All students who desire to find out more about this elective are encouraged to contact Dr. Michael H. Rivner in the Department of Neurology (721-2681).

**NEU 5004A Clinical and Research Electives in
5004B Neurology (Special Elective)
5004C**

Location: 5004A—MCG Hospital
5004B—VA Medical Center
5004C—Off Campus—**Green Sheet**
Enrollment: 1 Maximum Per preceptor
Prerequisites: NEU 5000
Duration: One to Three Months
Months Offered: July through June

The following electives will allow the student an opportunity to concentrate on a specific area of Neurology. Clinical responsibility and/or research opportunities are available. In most instances, the specific program can be tailored to the interests and needs of the student. These electives must be arranged with the individual preceptor at least two months prior to the

beginning of the rotation. On campus electives that are available include:

1. Clinical Cerebrovascular Disease (Dr. Fenwick Nichols, 721-4607 and Dr. Robert Adams, 721-4670)
2. Clinical Neurophysiology: EEG, EP, Computerized EEG Analysis (Dr. Anthony Murro, 721-3325 and Dr. Yong Park, 721-3371)
3. Electromyography (Dr. Michael Rivner, 721-2681)
4. Epilepsy (Dr. Anthony Murro, 721-3325, Dr. Jeffrey Politsky, 721-3325 and Dr. Yong Park, 721-3371)
5. Sleep Disorders (Dr. Yong Park, 721-3371)
6. Experimental Transplantation in Neonatal Brain Injury (Dr. James Carroll, 721-3371)
7. Neuromuscular Disease (Dr. Michael Rivner, 721-2681)
8. Ultrasound in the Evaluation of Cerebrovascular Disease (Dr. Fenwick Nichols, 721-4607)
9. Endothelial Cell in Strokebasic Research (Dr. David Hess, 721-1691)
10. Movement Disorders (Dr. Kapil Sethi, 721-2798)

Other electives may be arranged with individual preceptors.

**NEU 5005 Acting Internship in Child Neurology
(Special Elective)**

Location: CMC
Enrollment: 1 Maximum per month
Prerequisites: NEU 5000
Duration: One Month
Months Offered: July through June

This is a patient care elective. The student will have primary care responsibility for a block of child neurology patients. The student will participate in rounds and conferences and will assist with the diagnostic procedures involving his/her patients. The student will be expected to participate with housestaff. (Contact Dr. James Carroll, 721-3371)

Department of Obstetrics and Gynecology

**OBG 5001 Obstetrics and Gynecology
Hospital/Medical School
(Special Elective—Green Sheet)**

Location: Off Campus Hospital or Medical School
Enrollment: Indefinite
Prerequisites: Satisfactory Completion of OBG 5000A
Duration: One to Two Months
Months Offered: July through June

This elective is offered by arrangement with various hospitals, or affiliated medical schools in the United States and overseas. The course will be designed to fit each student's particular need and may be either clinically or research oriented.

The student must obtain a letter of acceptance with the name of the supervisor and/or evaluator and his or her curriculum vitae showing OB/GYN training. Formal evaluation is required.

This elective is by arrangement only. Prior to accepting an off campus elective you must contact Ms. Christa Thrower, BA-7300, 1-2543.

**OBG 5004 Research/Laboratory Elective at MCG
(Special Elective)**

Location: MCG Hospital
 Enrollment: 1 Maximum
 Prerequisites: Satisfactory Completion of OBG 5000A
 Duration: One to Three Months
 Months Offered: July through June

The student will have the opportunity to design original studies or pursue ongoing research projects in either the biochemical or biophysical assessment laboratories. This elective is flexible and can be tailored to the specific interests of the student. Current projects include intrauterine fetal breathing observation, analysis of fetal heart rate patterns, evaluation of fetal lung maturation in various maternal/fetal conditions. This elective is by arrangement only. You must contact Dr. L. Devoe, Ext. 1-3591 and Christa Thrower, BA 7300, Ext. 1-2543 .

**OBG 5005 Maternal Fetal Medicine Elective at MCG
(Special Elective)**

Location: MCG Hospital
 Enrollment: 1 Maximum
 Prerequisites: Satisfactory Completion of OBG 5000A
 Duration: One Month
 Months Offered: July through October—Reserved for Students choosing OBG as Advisor.

This is a clinically oriented block of time during which the student will participate in the antepartum, delivery, and postpartum care of high risk obstetric patients. Responsibilities are those of a subintern working closely with the OB house-staff. The student will also present cases at the clinical conferences dealing with high risk pregnancies, and be responsible for assigned reading material. This elective is by arrangement only. You must contact Dr. L. Devoe, Ext. 1-3591 and Christa Thrower, BA 7300, Ext. 1-2543 .

**OBG 5006 Reproductive Endocrinology and
Genetics Elective at MCG
(Special Elective)**

Location: MCG Hospital
 Enrollment: 1 Minimum 1 Maximum
 Prerequisites: Satisfactory completion of OBG 5000A
 Duration: One Month
 Months Offered: AUGUST through October—Reserved for Students choosing OBG as Advisor.

The student will participate in the Reproductive Endocrinology and Genetics Clinic at the Medical College of Georgia. One entire day per week will be devoted to the prenatal diagnosis and pre-conceptual genetic counseling. Two days at the Medical College of Georgia each week will be devoted to infertility surgery. Two days will be devoted to the management of patients, single or couples, with reproductive endocrine problems. The general diagnostic areas which will be covered are as follows:

1. Evaluation, diagnosis and management of couples with infertility.
2. Diagnosis and management of menstrual dysfunction

3. Diagnosis and management of androgen over production.
4. A knowledge of gross and microscopic pathology relating to Reproductive Endocrinology.
5. Contraception and family planning.
6. Observation of reconstructive and reparative surgery involving congenital and acquired defects of the female genital tract.
7. Gross and microscopic pathology relating to reproductive endocrinology.
8. Basic knowledge of the pharmacology of hormones.
9. Preconceptional and genetic counseling and prenatal diagnosis.
10. In Vitro fertilization.

This elective is by Arrangement Only with Dr. Larry Layman, Ext. 1-3832 and Christa Thrower, BA 7300, Ext. 1-2543.

**OBG 5007 Elective in Gynecologic Oncology
(Special Elective)**

Location: MCG
 Enrollment: 1 Maximum
 Prerequisites: Satisfactory Completion of OBG 5000A
 Duration: One Month
 Months Offered: July through June.
 July through October—Reserved for Students choosing OBG as Advisor.

The student will participate in all aspects of gynecologic oncology during this rotation to include exposure to radical gynecologic surgery, the use of specialized instruments in female genital cancer, such as the LASER, LLETZ and the administration of chemotherapy.

Clinic time will consist of examining patients, under supervision, who are pretreatment gynecologic oncology patients. He/she will observe the use of colposcopy, cryotherapy, of outpatient cystoscopy and special biopsy procedures involving the female genital tract cancers and their precursors. Supervision will be under the direction of faculty Drs. Macfee and Ghamande 721-3992. This elective is by arrangement only. You must contact Dr. Michael Macfee and Christa Thrower, BA 7300, Ext. 1-2543.

An opportunity to participate in clinical research will be provided.

**OBG 5008 Elective in Benign Gynecology
(Special Elective)**

Location: MCG
 Enrollment: 1 Maximum
 Prerequisites: Satisfactory Completion of OBG 5000A
 Duration: One Month
 Months Offered: July through June.
 July through October—Reserved for Students choosing OBG as Advisor.

The student will participate in the expanded management of inpatient and outpatient gynecology patients. The student's outpatient experience will include exposure to patients with common problems, as well as routine preventative care. The outpatient experience will also include exposure to, and possible performance of, diagnostic procedures such as endometrial, cervical, vaginal and vulvar biopsies, pelvic ultrasound and colposcopy.

The inpatient experience will consist of participation in the operating room and following assigned patients. Students will be responsible for their assigned patients and will be expected to function at the level of an intern.

This elective is by arrangement only. You must contact Dr. Laura Irwin, Ext. 1-2542 and Christa Thrower, Ext. 1-2543, BA-7300.

**OBG 5009* *Substitute Internship
(Special Elective, Green Sheet)***

Location: MCG Hospital, Atlanta Medical Center
Enrollment: At MCG: Maximum of 2 students per rotation (One student in Gyn Oncology, one student in Maternal-Fetal Medicine. At Atlanta Medical Center: one student in July, September, November, January, March, May)

Prerequisites: OB/GYN 5000

Duration: Four Weeks

Months Offered: July through June (except as noted above)

Students on this service will function as sub-interns in the Gynecologic Oncology and Maternal-Fetal Medicine services at MCG or on the Obstetrics and Gynecology Service at the Atlanta Medical Center. Each student will work as an integral part of that service. The student will be required to participate in daily rounds and patient care conferences. The student will also be required to perform surgical procedures under supervision and be involved in clinical activities in the outpatient clinic. Additionally, the student will be involved in teaching activities and will participate in night call. For further information or to set up this elective, please call Dr. Khan or Christa Thrower at 721-2543.

**OBG 5010 *High Risk OB Antepartum Assessment
(Special Elective)***

Location: Atlanta Medical Center

Enrollment: 1 Maximum

Prerequisites: Satisfactory Completion of OBG 5000A

Duration: One Month

Months Offered: July through June

Student will have the responsibility to participate in the evaluation, management and treatment of high risk obstetrical patients, in both outpatient and inpatient settings. A strong emphasis is placed on prenatal diagnosis. This includes genetic testing, biochemical evaluations, ultrasonography and invasive fetal intervention.

The Director of Maternal and Fetal Medicine at Atlanta Medical Center is Bradford Bootstaylor, M.D. All students interested in this elective should contact the Residency Program Coordinator, Lisa Steinbrenner, Department of Obstetrics and Gynecology, Atlanta Medical Center, 303 Parkway Drive, NE, Box 423, Atlanta, GA 30312 to obtain an application form. This elective is by arrangement only. You must contact Christa Thrower, BA-7300, Ext. 1-2453 and the Residency Program Coordinator, Lisa Steinbrenner, (404/265-4614).

**OBG 5011 *Molecular Studies of Reproductive
Endocrine Disorders—Reproductive
Endocrinology, Infertility, and Genetics
Research Elective at MCG
(Special Elective)***

Location: IMMAG

Enrollment: 1–2 per Month

Prerequisites: Satisfactory Completion of OBG 5000

Duration: One Month (or more if desired and depending upon availability)

Months Offered: Potentially Any Month (negotiable)

The student will use molecular genetics techniques to study the basis of reproductive processes. The emphasis of the laboratory is on the genetic basis of puberty and reproduction using human disease models as hypogonadotropic hypogonadism and premature ovarian failure. The student will perform molecular procedures under supervision to identify mutations in human disease. The interested student will have an excellent chance to be involved in abstract publication with eventual journal publication. These studies will provide the student with an exposure to molecular analysis and relate it to clinical problems in reproductive medicine. General types of analysis include:

1. DNA extraction from peripheral blood
2. Understand and participate in primer design and performance of polymerase chain reaction (PCR), and analysis of PCR products by agarose gel electrophoresis and denaturing gradient gel electrophoresis.
3. Variant fragments will then be subjected to DNA sequencing.
4. Trouble-shooting of laboratory techniques and data analysis.
5. Plan in design of in vitro studies to document effect of human mutations and correlate with disease phenotype.
6. Assist in other ongoing experiments in the laboratory.
7. Summarizing studies performed for abstract publication.

The elective is by arrangement only with Dr. Lawrence C. Layman, ext. 1-3832, and by Christa Thrower at 1-2543, BA 7300.

**OBG 5012 *Elective in Urogynecology
(Special Elective)***

Location: MCG

Enrollment: 1 Maximum

Prerequisites: Satisfactory Completion of OBG 5000A

Duration: One Month

Months Offered: July through June

The student will participate in the management of inpatient and outpatient urogynecology patients. The outpatient experience will include extensive exposure to urodynamics, exposure to bladder ultrasound as well as other diagnostic bladder tests. Students will participate in the office management of patients with all forms of incontinence, vaginal and uterine prolapse, as well as other gynecological problems.

The inpatient experience will consist of participation in the operating room for urogynecology, advance laparoscopy and general gynecology cases. Students will follow assigned

patients both preoperatively and postoperatively. Students will be responsible for their assigned patients and will be expected to function at the level of an intern.

This elective is by arrangement only. You must contact Dr. Sean Francis, Ext. 1-2542 and Christa Thrower, Ext. 1-2543, BA-7300.

Department of Ophthalmology

All changes, additions, and deletions in Ophthalmology including off campus electives should be coordinated through Dr. Thomas' Office, Brenda Ward, Ext. 1-1150.

OPH 5001 Ophthalmology Clerkship

Location: Dept. of Ophthalmology, MCG
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: None
 Duration: One Month
 Months Offered: July through June

The student participates with the residents and faculty in their daily clinical activities. This includes seeing and evaluating patients in the outpatient clinic with the residents and faculty, participation in conferences and lectures, and observation of some surgical procedures.

OPH 5002 Ophthalmology Research Elective (Special Elective)

Location: Dept. of Ophthalmology, MCG
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: None
 Duration: One to Two Months
 Months Offered: July through June

All applicants must be interviewed by the doctor with whom they would be doing the research.

An area of mutual interest to the student and faculty supervisor will be selected and the student will outline his research project with literature references and carry it out under supervision. A written report on the project is required at the end of the elective period.

- Basic Eye Research: Drs. Ata Abdel-Latif, Rashid Akhtar, Sally Atherton, Ruth Caldwell, Gregory Liou, Sylvia Smith, Fu-Shin Yu and Balamurali Ambati
- Clinical Research: Drs. David Bogorad, Stephanie Goei, Parag Gokhale, Judith Hendrickson, Dennis Marcus, Julian Nussbaum, John Riffle, Dilip Thomas, Lane Ulrich and Balamurali Ambati

OPH 5003 Ophthalmology Off Campus Experience (Special Elective–Green Sheet)

Location: Must be arranged and approved in advance with appropriate support documents (see below) provided at time of registration.
 Enrollment: 1 Minimum 6 Maximum
 Prerequisites: None
 Duration: One to Two Months
 Months Offered: July through June

Special arrangements can be made for elective periods of one or two months in a Department of Ophthalmology at another medical school or one that is affiliated with a medical school (Canada or USA), to study some phase of ophthalmology such as ophthalmic pathology, neuroophthalmology etc. Written approval must be obtained in advance from both the MCG Department of Ophthalmology (D. Thomas) and the Department where the elective is to be taken. A description of the off campus elective, including the names(s) of the supervising faculty member(s), must be submitted to the MCG Department of Ophthalmology before approval to take the course for credit can be considered. In addition, a letter of evaluation with specific comments regarding the student's performance and a brief description of the work completed must be received from the Department Chairman or the supervising faculty member in the Department where the off campus elective is taken. Credit for the course will not be given until all of the above have been satisfactorily completed.

Post Graduate Training Programs–Ophthalmology

Julian J. Nussbaum, M.D. Professor and Chairman; Stephanie Goei, M.D., Residency Director

Three residents are selected annually for the approved three year residency in Ophthalmology. Emphasis is placed on training physicians in all aspects of clinical ophthalmology and ophthalmic surgery with an opportunity to pursue clinical and basic research. Clinical training is offered at MCG affiliated hospitals. Basic and clinical sciences are taught throughout the residency with formal lectures and conferences given by the faculty as well as visiting lecturers.

Department of Pathology

PTH 5001 Current Autopsy Case Studies (Special Elective–Green Sheet)

Location: MCG Hospital and Clinics, Anatomic Pathology Laboratory
 Enrollment: 1 Minimum, 6 Maximum
 Prerequisites: Phase II
 Duration: 1–3 Months
 Months Offered: July–April

The program has been designed for the study of human disease by thorough autopsy investigation enabling the interested student to pursue his studies at a deeper level of experience. Students have the same responsibilities as the resident staff with regard to their study and presentation of autopsy cases. (By arrangement with Dr. Falls)

PTH 5002 University Hospital Pathology Laboratory (Special Elective–Green Sheet)

Location: University Hospital, Pathology Laboratory
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: Phase II
 Duration: 1 Month
 Months Offered: Throughout the year

Electives will be offered in most phases of practice of pathology including surgical pathology, autopsies, hematology, blood banking, chemistry, bacteriology, immunopathology or cytology.

Special work will be assigned to the student for background purposes. Can be offered singularly or in combination. (By arrangement with Dr. Sharma)

PTH 5003 Surgical Pathology
(Special Elective–Green Sheet)

Location: MCG Hospital and Clinics,
Anatomic Pathology Laboratory
Enrollment: 1 Minimum 2 Maximum
Prerequisites: Phase II
Duration: 1–2 Months
Months Offered: Throughout the year

To participate in all activities of Surgical Pathology. Students will function as supervised residents. They will participate in the examination of tissues and the rendering of diagnoses to clinicians. Students will be part of modern surgical pathology. Limited responsibility under supervision will be commensurate with ability. (By arrangement with Dr. Hessler)

PTH 5004 Teaching Elective in Pathology
(Special Elective–Green Sheet)

Location: MCG Hospital and Clinics
Enrollment: 1 Minimum, No Maximum
Prerequisites: Pathology 550
Duration: 1 to 4 Months
Months Offered: Throughout the year

The student will identify cases with teaching value from recent anatomic and clinical pathology material. Each case will be thoroughly studied to prepare it for use in case teaching using pots, mounts, and/or annotated images for the course web site. The program may be arranged to accommodate specific interests that are consonant with teaching needs. (By arrangement with Dr. Turnbull)

PTH 5005 Transfusion Medicine
(Special Elective–Green Sheet)

Location: MCG H&C, Blood Bank Laboratory
Enrollment: 1 Minimum 1 Maximum
Prerequisites: Phase II
Duration: 1 Month
Months Offered: October

Transfusion medicine/hemotherapy is a rapidly expanding discipline in the clinical application of transfusion and apheresis therapy. All students will receive basic instruction in immunohematology, blood component therapy, apheresis techniques, autologous and homologous donation methods, and participate in consultations.

Specific activities can be tailored for special areas of interest. Informal didactic sessions will supplement service rotations and required reading assignments. Rotation at a community blood center for orientation purposes and other special projects can be arranged. (By arrangement with Dr. Cook)

PTH 5007 Cancer Cytogenetics
(Special Elective–Green Sheet)

Location: Cancer Cytogenetics Laboratory,
Murphey Building, Room BF-211
Enrollment: 1 Minimum 2 Maximum
Prerequisites: Phase II
Duration: 1 to 3 Months
Months Offered: Throughout the year

Cytogenetics is an important part of pathology. It is well documented that cytogenetic analysis is an independent diagnostic and prognostic indicator in human cancer, particularly leukemia, lymphoma and a few solid tumors. This elective will acquaint the student with cancer cytogenetics and its clinical application in the management of the cancer patient. The student will be exposed to modern cytogenetic techniques, including cell culturing, harvesting procedures for obtaining chromosome slides, performing various chromosome banding techniques, microscopic analysis to identify normal and abnormal chromosomes, photography and computer-assisted chromosome karyotyping.

(By arrangement with Dr. Satya-Prakash)

PTH 5008 Pathobiology of Atherosclerosis
(Special Elective–Green Sheet)

Location: MCGH&C, Atherosclerosis Research
Laboratories, Murphey Building
Enrollment: 1 Maximum
Prerequisites: Phase II
Duration: 1 to 3 Months
Months Offered: Throughout the year

This elective offers an introduction into the study of the pathobiology of atherosclerosis and the current state of knowledge on this important disease process. State-of-the-art technologies in tissue culture, molecular biology, immunohistochemistry, and image analysis used to examine mechanisms involved in the initiation and progression of atherosclerosis will be introduced and hands-on experience will be emphasized. (By arrangement with Dr. Gerrity)

PTH 5009 General Clinical Pathology Laboratory
(Special Elective–Green Sheet)

Location: MCGH and Clinics, Clinical
Pathology Laboratory
Enrollment: 1 Minimum 4 Maximum
Prerequisites: Phase II
Duration: 1 Month
Months Offered: Throughout the year

This elective is based on the practical application of clinical laboratory methods and evaluation of results. This objective will be pursued through patient rounds, interpretation of laboratory data, participation in patient treatment, particularly the use of blood and blood components and the development of tests and their evaluation as to future clinical utilization. An opportunity to learn the techniques of Hematology, Microbiology, Clinical Chemistry, Microscopy, Immunology and Transfusion Medicine will be available. This elective includes hands-on instruction. (Arrangement with Dr. Steele)

PTH 5011 Basic Neuropathology
(Special Elective–Green Sheet)

Location: MCG Hospital and Clinics, Murphey Building, Anatomic Path Lab
Enrollment: 1 Minimum 2 Maximum
Prerequisites: Phase II
Duration: 1–3 Months
Months Offered: September through May

This is a basic neuropathology course designed only for a student who intends to choose pathology, neurosurgery, neurology, or other neurological science related fields as a subspecialty in his medical career. (By arrangement with Dr. Hessler)

PTH 5012 Introductory Electron Microscopy
(Special Elective–Green Sheet)

Location: Electron Microscopy Laboratory
Murphey Building
Enrollment: 1 Minimum 4 Maximum
Prerequisites: Phase II
Duration: 1–3 Months
Months Offered: September through May

This elective is designed to provide the student with a broad base of knowledge on the principles and use of electron microscopy in biomedical research and diagnosis. Instruction will be given by the director of electron microscopy and the technical staff. Background and theoretical considerations will be discussed, but hands-on aspects and training will be emphasized. At completion of this elective, the student will be able to process tissue, prepare and stain sections, and use an electron microscope. (By arrangement with Dr. Gerrity)

PTH 5014 Off Campus Special Elective in Anatomic and Clinical Pathology
(Special Elective–Green Sheet)

Location: Off Campus Pathology Laboratories
Enrollment: Open
Prerequisites: Phase II
Duration: 4 weeks or longer
Months Offered: Throughout the year

There will be opportunity to work in selected areas of Anatomic and/or Clinical Pathology, including such fields as Surgical Pathology, Autopsy, Hematology, Blood Banking, and Microbiology in specified programs arranged with an offering pathologist. Students will have the opportunity to participate in intra- and interdepartmental conferences. (By arrangement with Dr. Turnbull)

PTH 5016 Anatomic Pathology
(Special Elective–Green Sheet)

Location: Laboratory Service, VA Medical Ct.
Enrollment: 1 Minimum 2 maximum
Prerequisites: Phase II
Duration: Any Consecutive Three Months
Months Offered: Throughout the year

After the elective, the student will be able to perform a number of basic anatomic pathology techniques and apply clinical judg-

ment commensurate with his medical knowledge. The student will be able to distinguish normal from pathologic tissues in their most common gross and microscopic appearances and will begin to be able to interpret the clinical significance of these appearances for individual patients. Specifically:

- (1) The student will be able to perform an autopsy and find basic clinical pathologic correlations.
- (2) The student will be able to approach a variety of surgical pathology and cytology specimens in the role of a pathologist consultant, and:
 - (a) Participate in their processing and examination
 - (b) Apply clinical interpretation and medical judgment in such examination.

The faculty/student contact is essentially that of a preceptorship in which practicing pathologists take undergraduate medical student as resident students and give them personal training in the practice of Pathology. The pathologist takes the student and gives him personal training in his specialty. There are three full time pathologists in Laboratory Service with whom the student will have the opportunity to work. (By arrangement with Dr. Lee)

PTH 5018 Gastrointestinal Pathology
(Special Elective–Green Sheet)

Location: Laboratory Service, VA Med Ct.
Enrollment: 1 Maximum
Prerequisites: Phase II
Duration: 1 Month
Months Offered: January through May

This elective is designed to give the Phase III student a basic familiarity with needle biopsies of the liver and endoscopic biopsies of the alimentary tract. Microanatomic findings underlie the clinical presentation and course of patients with alimentary tract disease and are interpreted in light of the entire clinical background. The specific program will be arranged with the individual student but is expected to include histopathologic study of current cases amplified by file cases and attendance at pertinent conferences. (By arrangement with Dr. Lee)

PTH 5019 Clinical Microbiology
(Special Elective–Green Sheet)

Location: MCG Hospital and Clinics, Clinical Pathology Microbiology Laboratory, BAS-196
Enrollment: 1 Minimum 1 Maximum
Prerequisites: A Medical Microbiology Course
Duration: 1 Month
Months Offered: Throughout the year

An area of mutual interest will be explored through research, literature review, hands-on evaluation, discussions with other laboratories, etc. A written document of the findings will be produced for internal use and ideally for presentation and publication.

Alternately, practical training in one or more areas of clinical microbiology can be arranged to meet the individual needs of each student. (By arrangement with Dr. Steele)

**PTH 5023 Basic Cardiovascular Pathology
(Special Elective–Green Sheet)**

Location: Pathology and Laboratory Medicine Service, VAMC
 Enrollment: 1 Minimum 3 Maximum
Prerequisites: Phase II
 Duration: 1–3 Months
 Months Offered: February through August

This basic cardiovascular pathology elective is designed for students who plan to choose pathology (especially anatomic and/or cardiovascular pathology), cardiology or cardiovascular surgery as career track subspecialties. Practical correlations between invasive and noninvasive diagnostic techniques commonly used in clinical cardiology and using the gross and histomorphologic finding of current surgical pathology cases (from the VAMC and the MCGH&C) and autopsies together with current cardiovascular surgical techniques applicable to these cases, will be stressed. Each student will also be encouraged to formulate a project and begin investigations, which could lead to a publication. (By arrangement with Dr. Freant)

**PTH 5025 Pathology Research
(Special Elective–Green Sheet)**

Location: Pathology Department, MCG
 Enrollment: 2 Maximum
Prerequisites: Phase II Pathology
 Duration: 1–3 Months
 Months Offered: July through June

This elective consists of research experience in selected areas of pathology through special arrangement with a member of the faculty of the Department of Pathology. Arrangements should be made by the student with a member of the faculty. A description of the proposed project must be submitted to and approved by Dr. Stephen Peiper, Ext. 2923. A copy of the description must accompany the Green Sheet. If the duration of the elective is more than one month, students only receive credit for a one month elective.

Department of Pediatrics

Note: Most Pediatric electives are of one month's duration. Although students may take any elective for two months by special arrangement with the appropriate faculty member, they will only receive one month's credit for that elective.

The Pediatric elective program is coordinated by Dr. Christopher White. All changes, additions, and deletions in Pediatric electives, including arrangement for special or off campus electives, should be coordinated through his office, BG 2101B, 721-3781.

Pediatric Sub-Internships are designated by an asterisk*. Special consideration will be given to those going into Pediatrics.

**PED 5001* Substitute Neonatal Intern
(Special Elective)**

Location: MCG Hospital and Clinics
 Enrollment: 2 Maximum
Prerequisites: PED 5000
 Duration: One Month
 Months Offered: July through June

The student will serve in the same capacity as a first year house officer being directly responsible for patients admitted to the Neonatal Nurseries. The student will be supervised by the senior NICU resident, the neonatal fellow, neonatal nurse practitioner and the NICU attending. Evaluation and management of high risk infants will be emphasized and special techniques and procedures used in the care of the sick newborn will be employed. (Drs. Bhatia, Boedy, Bunyapen, Oommen and Shekhawat)

**PED 5002 Off Campus Special Elective
(Special Elective–Green Sheet)**

Location: Approved Hospitals or Preceptor's Office
 Enrollment: No Maximum
Prerequisites: PED 5000
 Duration: One or Two Months
 Months Offered: July through June

This special elective is offered to provide the student with experience in pediatrics in an off campus setting. It can be served either in a hospital or in a preceptor's office by prior arrangement with them and the department. Selection of a setting can be best accomplished through counsel with your advisor. (Dr. White)

**PED 5004 Off Campus Preceptorship
(Special Elective–Green Sheet)**

Location: Approved hospital, clinic or office
 Enrollment: No Maximum
Prerequisites: Phase II
 Duration: One or Two Months
 Months Offered: July through June

Clinical experience in child health in an off campus setting approved by Dr. White, Ext. 1-3781.

PED 5005 Pediatric Cardiology (Special Elective)

Location: MCG Hospital and Clinics
 Enrollment: 2 Maximum
Prerequisites: PED 5000
 Duration: One Month
 Months Offered: July through June

This course offers experience in the study of congenital and acquired heart disease with emphasis on the clinical manifestations and findings, and interpretation of diagnostic tests. Correlations of the anatomic malformation with the physiologic alterations are emphasized as well as the natural history and prognosis. Didactic sessions provide formalized teaching about congenital heart disease and other cardiology topics. Basic EKG reading proficiency is acquired through instruction and repeated practice. Daily rounds generally start in the PICU at 7:30 a.m. Outpatient clinic occurs every morning. In the afternoon, inpatient consults and diagnostic studies are reviewed. Students are expect-

ed to give a 10 minute presentation on a cardiology-related subject at the end of the month. (Drs. Wiles, *Chief*; Lutin and Young)

**PED 5006 Allergy and Clinical Immunology
(Special Elective)**

Location: MCG Hospital and Clinics
Enrollment: 1 Maximum
Prerequisites: None
Duration: One Month
Months Offered: July through June

Students will evaluate patients of all ages presenting with a variety of disorders ranging from common respiratory and cutaneous allergies to uncommon immunologic disorders. Students will gain experience with allergen skin testing, pulmonary function tests and microscopic examinations of sputum and nasal secretions. Two conferences and two pre-clinic lectures are presented each week. (Drs. Ownby, *Chief*; Dolen, Smith and Wray)

PED 5007 Pediatric Research (Special Elective)

Location: MCG Hospital and Clinics
Enrollment: 2 Maximum
Prerequisites: None
Duration: One or Two Months
Months Offered: July through June

This elective consists of research experience in selected areas of pediatrics through special arrangement with the pediatric faculty. For example, if a student desires to have an indepth experience around a procedural technique or a specific investigative methodology, he/she may arrange this with a member of the faculty. (Dr. White)

PED 5009A* Pediatric Clinical Assistantship at MCG (Special Elective)

Location: MCG Children's Medical Center
Enrollment: 2 Maximum (3 Maximum from September through March)
Prerequisites: PED 5000
Duration: One or Two Months
Months Offered: July through June

The Pediatric substitute intern will serve as an active member (acting intern) of the Pediatric Housestaff under the supervision of the Pediatric Resident and a Pediatric Faculty member. The student will have the opportunity for progressive experience in inpatient care.

One student will be assigned to the General Inpatient Pediatric service, and one student will be assigned to the Pediatric Hematology/Oncology service. From September through March, there will be openings for two students on the General Inpatient Service. When signing up for this elective, please specify General or Hematology/Oncology.

Due to the limited number of Pediatric Sub-Internships available at MCG, only those students who have declared for Pediatrics will be able to sign up during the first six weeks of the elective sign-up period. After this initial six-week sign up period, all students will be able to apply for any available positions, regardless of career choice. (Dr. White)

**PED 5011 Pediatric Gastroenterology
(Special Elective)**

Location: MCG Hospital and Clinics
Enrollment: 1 Maximum
Prerequisites: PED 5000
Duration: One Month
Months Offered: July through June

This special elective provides the student an opportunity to participate in the diagnosis and management of gastrointestinal and hepatic disease in children and adolescents (acute and chronic). Patients are seen in clinic, on the inpatient wards and through the operating rooms and endoscopy suite. Topics include acute and chronic diarrhea, recurrent abdominal pain, inflammatory bowel disease, hepatitis (acute and chronic), persistent vomiting, hyperbilirubinemia, gastrointestinal bleeding, constipation, enteral and parenteral nutrition. A directed reading list will be provided to supplement "hands-on" experience. (Drs. Clark, *Chief*; and Goei)

**PED 5012A Pediatric Elective at Memorial Health
5012B* University Medical Center
5012C (Special Elective)**

Location: Memorial Health University Medical Center Savannah, GA
Enrollment: 1 Maximum per area
Prerequisites: PED 5000
Duration: One to Two Months

This elective will provide the student with experiences in (A) Neurology, (B*) General Pediatrics, (C) Sub-Specialty Electives: Adolescent Medicine, Gastroenterology, Hematology/Oncology, Child Abuse and Protective Services. Sub-Specialty Electives may be taken individually **or** in paired combinations, with flexibility to meet the student's individual clinical pursuits. (Outpatient or inpatient experience can receive major emphasis). Specify area(s) you are requesting. ***Please note that PED 5012B qualifies as a Pediatric Acting-Internship when taken as an inpatient experience.** Arrangements should be made by contacting the MHUMC Medical Student Coordinator, Ms. Kim Hahn at 912/350-8076.

**PED 5013 Pediatric Infectious Disease
(Special Elective)**

Location: MCG Hospital and Clinics
Enrollment: 2 Maximum
Prerequisites: PED 5000
Duration: One Month
Months Offered: July, September through June*

The Objectives of this rotation include:

1. To provide a one month rotation on the Pediatric Infectious Disease Service in order for the student to gain greater experience in diagnosis and management of infectious diseases in infants and children.
2. To learn how to evaluate and complete (write-up) a pediatric consult.
3. To integrate the clinical evaluation of a child with a presumed infectious disease with appropriate microbiology tests (bacterial, fungal and viral cultures, rapid antigen testing, HIV viral

load/genotype, serology, etc.) This may include some time working with microbiology technologists directly on the processing of culture specimens, evaluating growth/change in cultures, and interpreting biochemical and other tests to identify specific organisms, etc.

4. To research and present one major topic in pediatric infectious diseases during this rotation.

(Drs. Murray, Mani, White and Cox)

*Students who initially enroll in the elective should routinely give 4 weeks notice if they decide to drop the elective so that other interested students may enroll.

**PED 5014* Well Baby Nursery Substitute Intern
(Special Elective)**

Location: MCG Hospital and Clinics
Newborn Nursery (7W)
Enrollment: 1 Maximum
Prerequisites: PED 5000
Duration: One Month
Months Offered: July through June

Student will act in the same capacity as a first year house officer. Student will be responsible for admit and discharge examinations, attendance at deliveries and management of well infants and those with minor problems under the supervision of a pediatric resident and general pediatric faculty member. Four in-house call nights are required, as chosen by the student (Dr. McLeod)

**PED 5016 University Hospital Pediatric Emergency Room
(Special Elective)**

Location: University Hospital Emergency Room
Enrollment: 3 Maximum
(4 in December, January, February and March)
Prerequisites: PED 5000
Duration: One Month
Months Offered: July through June

This elective offers the student exposure to a variety of presentations and problems in Pediatric Acute Care; medical illnesses, trauma, minor surgical procedures, as well as major emergencies. There will be an opportunity to assume progressive responsibility for patient care as an extern under the supervision and guidance of Emergency Room pediatricians. Emphasis is placed on experiential learning and you will follow your patients' progress in this unique Emergency Room setting. You will be required to work every other weekend. Special requests regarding your work schedule should be made **no less than 4 weeks** in advance by contacting Dr. Shaffner at 774-8914. (Drs. Eckert, Shaffner, Bash, and Ahmadie).

**PED 5017 Pediatric Hematology/Oncology
(Special Elective)**

Location: MCG Children's Medical Center
Enrollment: 1 Maximum
Prerequisites: PED 5000
Duration: One Month
Months Offered: July through June

This elective involves both outpatient and inpatient care. The student will learn how to formulate a diagnostic workup. A treatment plan will be developed and the multidisciplinary approach to patient management will be emphasized.

The student will attend outpatient clinics each day and evaluate both new and established patients. The **Oncology** clinics are Monday, Wednesday and Friday. The **Hematology** clinics are on Tuesday and Thursday. Blood, spinal fluid and bone marrow smears will be reviewed.

A research project can be a part of this elective if the student so desires. (Drs. Vega, Chief; Ameri and Bell)

PED 5018 Pediatric Critical Care (Special Elective)

Location: MCG Hospital and Clinics
Enrollment: 2 Maximum
Prerequisites: Must have completed PED 5000 with a grade of B or above
Duration: One Month
Months Offered: July through June

This course is intended for students interested in critical care of infants and children. Students are assigned patients under the supervision of the critical care team and pediatric ICU attending. The focus of student teaching is to learn the basic skills needed for rapidly assessing and treating the critically ill child. Students are taught how to integrate a multiple organ systems approach to problem solving for such medical conditions as respiratory failure, shock, coma, pediatric trauma and care of the post-operative cardiac patient. This elective is NOT an acting internship. The setting is the Pediatric ICU at MCG Hospital. Those individuals interested in pediatrics, emergency medicine, anesthesiology or surgery are encouraged to enroll. Night call is arranged through the Pediatric ICU attending and average one night out of four. Enrollment is limited to two students per month. (Drs. Pearson-Shaver, Chief; Fisher, Segelson and Wheeler)

PED 5019 Medical Genetics (Special Elective)

Location: MCG Hospital and Clinics
Enrollment: 1 Maximum
Prerequisites: PED 5000
Duration: One Month
Months Offered: July, August, October, November, January, February and April through June

This elective is designed to expose the student to all aspects of clinical medical genetics. Students will participate in the evaluation and care of patients with genetic disorders. They will learn about birth defects, dysmorphology, dermatoglyphics, metabolic screening, metabolic disease. Students will do consults inhouse and on outpatients. They will participate in genetic counseling clinic and have the opportunity to see prenatal testing. Students will have the opportunity to observe the cytogenetics laboratory function, and if they so desire, perform their own karyotype. They will also observe the metabolic screening laboratory. Night call is not required. Students will have a core curriculum of directed reading. If desired, they may attend out of town satellite clinics. (Dr. Flannery)

PED 5020 Pediatric Endocrinology (Special Elective)

Location: MCG Hospital and Clinics
 Enrollment: 1 Maximum
 Prerequisites: PED 5000
 Duration: One Month
 Months Offered: September through November and January through March

This elective is designed to familiarize the student with normal variations in prepubertal and pubertal growth patterns, the diagnostic approach to pediatric endocrine conditions and the ongoing management of the conditions.

The weekly Pediatric Diabetes Clinics offer the student the opportunity to become familiar with the multidisciplinary approach to a chronic condition. In addition, each week there will be a discussion of a chosen topic. Clinical research projects can also be arranged. (Drs. Hoffman and Muir)

PED 5021 Allergy Immunology Research Elective (Special Elective)

Location: MCG Hospital and Clinics
 Enrollment: 2 Maximum
 Prerequisites: None
 Duration: One Month
 Months Offered: July through October, January, February, and April through June

A separate laboratory research elective is available which must be planned in advance with one of the faculty. This research would be expected to result in a presentation and/or publication. (Drs. Dolen, Smith, Ownby, and Wray)

PED 5022 Pediatric Pulmonology (Special Elective)

Location: MCG Hospital and Clinics
 Enrollment: 1 Maximum
 Prerequisites: PED 5000
 Duration: One Month
 Months Offered: July through June

A four week rotation in Pediatric Pulmonology will include primarily outpatient management regarding patients with cystic fibrosis, bronchopulmonary dysplasia, asthma, recurrent pneumonias and other common and uncommon respiratory disorders. The student will also have the opportunity to perform occasional inpatient consultation. Didactic sessions are conducted weekly with a reading list provided at the beginning of the course. (Drs. Guill, Hudson and Lovrekovic)

PED 5023 Adolescent Medicine Elective (Special Elective)

Location: MCG Hospital and Clinics
 Enrollment: 1 Maximum
 Prerequisites: PED 5000
 Duration: One Month
 Months Offered: July through June

This elective provides a concentrated student exposure to adolescent medicine in the primary care (outpatient) environment. The spectrum of care can be expected to include acute and chronic illnesses, gynecologic care, sports medicine, psychosocial and family disorders, growth problems, contraceptive counseling,

issues related to adolescent sexuality, and substance abuse disorders. The instructional focus will concentrate upon accurate, extended history taking and communication skills needed to care for this unique patient population. Recognition and appreciation of the common maladies of adolescence will be taught and their treatments will be demonstrated. Ample time is allowed for the student to review the current literature on a medical topic of interest and write a brief review article during the month. (Drs. Pendergrast, Brenner and other faculty).

PED 5025 Developmental Pediatrics (Special Elective)

Location: MCG and Outlying Clinics
 Enrollment: 1 Maximum
 Prerequisites: PED 5000
 Duration: One Month
 Months Offered: *July through June

Students will work daily with Dr. Carter in the Special Child Clinic caring for children with chronic medical, developmental and neuro-muscular conditions. Student will have weekly readings on developmental issues. The student will also attend outlying clinics seeing patients with a wide variety of developmental disabilities. *Elective will not be offered when Dr. Carter is the inpatient attending. (Dr. Carter)

PED 5026 Pediatric Rehabilitation Medicine (Special Elective)

Location: CMC Hospital and Satellite Clinics
 Enrollment: 2 Maximum
 Prerequisites: PED 5000
 Duration: One Month
 Months Offered: July through November and January through June

Students will work on an outpatient and inpatient basis with children with physical disabilities. Principles of the specialty of Physical Medicine and Rehabilitation, use of a multidisciplinary team, therapeutic (PT, OT, Speech) interventions, and rehab interventions a community pediatrician can make will be emphasized.

Diagnoses may include cerebral palsy, spina bifida, spinal cord and brain injuries, metabolic and neuromuscular disorders, rheumatologic disorders, etc. Specialized clinics will include wheelchair, general rehabilitation, cerebral palsy, spasticity management and spina bifida clinics, as well as community satellite clinics in Georgia and South Carolina. (Dr. Elizabeth Moberg-Wolff)

PED 5027* Neonatology Sub-Internship (Special Elective)

Location: The Medical Center, Columbus, GA
 Enrollment: 1 Maximum
 Prerequisites: PED 5000
 Duration: One Month
 Months Offered: July through November and January through June

The objective of the Neonatology Sub-Internship is to give the student an understanding of the practice of Neonatology. The student will be offered the opportunity to provide supervised primary care

to neonates in the NICU with responsibilities similar to the NICU resident on a limited number of patients. The clinical experience will be supplemented with a core of neonatal lecture series and individualized conferences with the Neonatologist. Students electing this elective should have interest in Pediatrics, Neonatology, Perinatal Medicine, Obstetrics or Intensive Care. Arrangements should be made by contacting the Perinatal Administrator, Glenda Driskell at 706/571-1692.

**PED 5028 Pediatric Subspecialty
(Special Elective)**

Location: The Medical Center, Columbus, GA
Enrollment: 1 Maximum
Prerequisites: PED 5000
Duration: One Month
Months Offered: July through June

This elective will provide the student with experiences in a) Pediatric Cardiology, b) Pediatric Gastroenterology and c) Pediatric Hematology/Oncology. 1) In Pediatric Cardiology, the student will attend outpatient pediatric cardiology clinics one or two days per week. At the end of the elective, the student should be able to describe the components of the normal and abnormal pediatric cardiac examination, discuss the events of the cardiac cycle as they relate to the hemodynamics of congenital heart disease and discuss the evaluation and treatment of patients with palpitations, chest pain or syncope. 2) In Pediatric Gastroenterology, the student will attend pediatric gastroenterology clinic one or two days a week. The student will follow inpatient gastroenterology patients with the attending physician. The student will also observe endoscopic procedures and during the month will prepare a pertinent topic for discussion. 3) In Pediatric Hematology/Oncology the student will follow inpatient and outpatient hematology/oncology patients and consults. The student will be exposed to a wide variety of common pediatric hematologic disorders. The student will gain experience in performing lumbar punctures and bone marrow aspirates. Arrangements should be made by contacting the Pediatric Department Secretary, Elaine Baker, at 706/571-1220.

**PED 5029 Pediatric and Adult Hemophilia
Inpatient/Outpatient Exposure
(Special Elective)**

Location: MCGH&C/Outreach Visits/Camp Twin Lakes
Enrollment: 1 Minimum 2 Maximum
Prerequisites: PED 5000
Duration: One Month
Months Offered: July Only

This elective will offer the student exposure to a unique multidisciplinary experience. The student will have the opportunity to see patients evaluated in the Pediatric Comprehensive Hemophilia clinic and to observe interactions with social workers, physical therapists, pediatric surgeons, dentists, and hematologists as children are cared for in a comprehensive care clinic setting. A visit to the coagulation laboratory will illustrate how laboratory test interpretation is vital to successful patient management. This is an opportunity to see how preventative medicine and good med-

ical care can decrease the side effects of a congenital clotting deficiency in a unique patient population. The elective will allow the student to attend a week of summer camp where the children will be interacting with each other and with the counselors in a normal and friendly environment. At the camp they will learn how to infuse patients and how the patients learn to become "self-infusers." They will be able to take part in self-infusion classes where parents and children learn how to give clotting factor as well as a teen activity where adolescents can be observed interacting with each other and discussing the ramifications of having hemophilia. They will be invited to attend a carrier luncheon discussion session where women who carry the genetic deficiency state are offered a unique platform to discuss knowing about their carrier status and how they deal with this situation. There will be an opportunity to attend home visits with the outreach nurses from Hemophilia of Georgia. *Arrangements should be made by contacting Dr. Bell at 706/721-3626. (Dr. Bell)

**PED 5034 Pediatric Critical Care—MHUMC Savannah
(Special Elective—Green Sheet)**

Location: MHUMC Savannah
Enrollment: 1 Minimum 1 Maximum
Prerequisites: PED 5000
Duration: Four weeks
Months Offered: July through June

This elective in pediatric critical care provides the senior medical student (acting intern) the opportunity to evaluate and manage the critically ill pediatric patient. The student will participate in the diagnosis and management of critically ill children using the history, physical examination, laboratory data and other invasive and non-invasive techniques. A physiologic approach to the evaluation and management of the critically ill patient will be taught and emphasized as it applies to pediatric critical care. Major topics to be covered include: fluid and electrolytes, closed head injury, seizures, respiratory distress/arrest, shock (cardiogenic and non-cardiogenic), poisoning/toxicology, and sepsis. **Arrangements should be made by contacting the MHUMC Medical Student Coordinator, Ms. Kim Hahn at 912/350-8076.**

Primary Care Sports Medicine—see FMP 5015

**Department of Pharmacology and
Toxicology**

**PHM 5003 Tutorial Elective in Pharmacology
(Special Elective—Green Sheet)**

Location: MCG
Enrollment: 1 Minimum 5 Maximum
Prerequisites: Medical Course in Pharmacology
Duration: One or Two Months
Months Offered: June through May

Students may elect to study in depth a specific area in Pharmacology and Toxicology under the guidance of one or more faculty members most familiar with that specific area. A list of faculty preceptors and subject areas is available in the Department Office (CB 3607). Arrangements to be made by the student with the member of the faculty involved in the tutorial program.

**PHM 5004 Research Elective in Pharmacology
(Special Elective–Green Sheet)**

Location: MCG
 Enrollment: 1 Minimum 2 Maximum per faculty member
 Prerequisites: Approval by faculty member with whom research will be done
 Duration: One to Two Months
 Months Offered: June through May

Opportunity to participate in research programs being conducted by members of the faculty of the Department of Pharmacology and Toxicology. A list of faculty preceptors and projects is available in the office (CB 3607). Arrangements to be made by the students with a member of the faculty.

PHM 5011 Toxicology

Location: MCG
 Enrollment: 2 Minimum 8 Maximum
 Prerequisites: Medical Course in Pharmacology
 Duration: One Month
 Months Offered: August

Students will participate in discussion and review of several aspects of toxicology including heavy metals, gaseous poisons, industrial and agricultural chemicals, poisonous plants and venoms. Emphasis is on human toxicology and includes selected reports to be presented by enrollees.

(Dr. Caldwell and others, Ext. 3384)

**PHM 5012 Clinical Pharmacology and Therapeutics
(Special Elective–Green Sheet)**

Location: MCG
 Enrollment: 5 Minimum 16 Maximum
 Prerequisites: Medical Course in Pharmacology
 Duration: One Month
 Months Offered: August

Interacting with a faculty of pharmacologists, clinical pharmacologists and pharmacists, students will study rational approaches to drug therapy. Readings, discussions, case histories and clinic visits will be utilized. An additional goal of this course is for students to understand the process for clinical development of new drugs. Therapy areas to be covered will depend upon interests of enrollees. (Dr. R.W. Caldwell and others)

Department of Physiology

**PHY 5011 Research Elective in Physiology
(Special Elective)**

Location: MCG, Dept. of Physiology
 Enrollment: 1 Minimum 2 Maximum per Faculty member
 Prerequisites: Approval by Faculty Member with whom research will be done
 Duration: One to Two Months
 Months Offered: By Arrangement

Opportunity to participate in research programs being conducted by members of the faculty of the Department of Physiology. A

list of faculty preceptors and projects is available in the Physiology Department, Hamilton Wing, 3rd floor, or the departmental website (www.mcg.edu/som/phyendo). Arrangements to be made by the students with a member of the faculty.

Department of Psychiatry

**PSY 5002 Consultation Liaison Psychiatry
(Special Elective)**

Location: MCG Hospital
 Enrollment: By Arrangement
 Prerequisites: PSY 5000
 Duration: One Month
 Months Offered: July through June

This elective will provide the student doctor with the opportunity to learn directly about the medicine/psychiatry interface. A working knowledge of the ways to which medical illness and medications affect the mental and emotional life of patients is an integrated part of a good medical education. Likewise, an exploration of the impact of mental and emotional factors on the disease process and treatment of patients is also important in medical practice. This elective will present the student doctor with consultation cases from many departments treating patients, review chart work, and discuss cases during rounds with the C/L attending physicians. This medical/psychiatric experience can be invaluable for those going into any specialty in medicine. (Dr. Jo Albritton, Ext. 1-6704)

PSY 5004 Family Therapy (Special Elective)

Location: MCG Psychiatry Outpatient Clinic
 Enrollment: 1–3
 Prerequisites: Approval by Faculty Member
 Duration: One to Three Months
 Months Offered: By Arrangement

Students desiring supervision and training in the psychiatric assessment and treatment of individuals from a family systems perspective are encouraged to sign up for this elective. Students can expect to be involved in the treatment of marital and family therapy cases in both the outpatient and inpatient units. Supervision for these activities will be provided by faculty and will include live case observation as well as opportunities in psychotherapy. Students will attend Residents' Family Therapy Seminars, Weekly Outpatient Live Case Conferences, and Inpatient Family Assessment and Treatment Teams. Students will be assigned readings designed to acquaint them with basic and advanced clinical issues involved in Family Therapy approaches to treatment. (Dr. B. Davidson, Ext. 6711)

**PSY 5005 Off Campus Elective
(Special Elective–Green Sheet)**

Location: Off Campus
 Enrollment: By Arrangement
 Prerequisites: PSY 5000
 Duration: One to Three Months
 Months Offered: July through June

Special arrangements can be made for elective rotations at other institutions or for preceptorships with individual psychiatrists. (Dr. Stewart Shevitz, Ext. 3141)

**PSY 5007 Eating Disorders Rotation
(Special Elective)**

Location: MCG Hospital, 3-South and Outpatient Psychiatry
 Enrollment: Maximum 3
 Prerequisites: PSY 5000
 Duration: One to Three Months
 Months Offered: By Arrangement

Students will be given an opportunity to be an active member of the MCG Eating Disorders Treatment Team. Dependent upon previous experience, students will be given a number of responsibilities to include the observation and participation of initial assessments and evaluations as well as individual and group psychotherapy of both inpatient and outpatient eating disordered patients. Psychopharmacological management and medical assessment and treatment will also be emphasized. Reading material will be provided concerning a comprehensive biopsychosocial approach to the assessment and treatment of eating disorders. (Christian Lemmon, Ph.D., Ext. 6716)

PSY 5010 Inpatient Psychiatry (Special Elective)

Location: MCGH (3South)
 Enrollment: By Arrangement
 Prerequisites: PSY 5000
 Duration: One to Three Months
 Months Offered: July through June

3-South is an adult inpatient psychiatric unit offering an interdisciplinary approach to patient care. The student will be included as an integral part of a general hospital psychiatry inpatient team. Responsibilities will include direct patient care, participation in team meetings, participation in group therapy, psychotherapy with supervision, and associated didactic learning experiences. The diverse patient population on 3South will provide the student with learning experiences in Eating Disorders, Electroconvulsive Therapy and Organic Mental Disorders, as well as Mood and Psychotic Disorders. The student will also have the opportunity of gaining experience in crisis intervention, family therapy, psychopharmacology, application of behavioral therapy, inpatient psychotherapy and management of medical problems contributing to psychiatric illness. (Dr. Jo Albritton, Ext. 1-6704)

**PSY 5011 Outpatient Psychiatry
(Special Elective)**

Location: MCG Outpatient Clinic
 Enrollment: By Arrangement
 Prerequisites: PSY 5000
 Duration: One to Three Months
 Months Offered: July through June

Students are offered the opportunity to work closely with second year psychiatry residents and faculty supervisors and to engage in supervised treatment of outpatients. This includes participating in providing intake assessment and disposition, individual and group psychotherapy, psychopharmacology, and family therapy while receiving supervision in these practices. Students will also be able to attend all teaching and case conferences. (Stewart Shevitz, M.D., Ext. 3141)

PSY 5017 Clinical Neurobiology Research Seminar

Location: Psychiatry Outpatient Clinic
 Enrollment: Maximum 8
 Prerequisites: PSY 5000
 Duration: Four Weeks to Eight Weeks
 Months Offered: February and March

The objective of the Clinical Neurobiology Research Seminar will be to familiarize the student with current topics in the clinical neurosciences. Emphasis will be placed on a critical reading of the literature, with teaching focused on methods of evaluating the integrity and context of the research literature. Topics will focus on the relationship of behavior to brain chemistry. Discussion will highlight the functional role of different neurotransmitter receptor subtypes, neuropeptides, and second messengers in regulation of stress adaptation, and the expression of cognitive, emotional and perceptual behaviors. The course will review selected advances in behavioral neuroendocrinology, neuropharmacology and the genetic bases of personality. Each student will be required to write a review paper for course completion. The goals of the seminar will be both to contribute toward the development of the student's interest in a particular area, as well as to integrate an understanding of where the field is advancing relevant to future physician careers. (Jeffrey Rausch, M.D., Ext. 7793)

**PSY 5021 Neuropsychology in Adult and Aged
Non-Human Primates (Special Elective)**

Location: MCG, CB 3917 (office) and Animal Behavior Center, Bldg. OB
 Enrollment: Maximum 3
 Prerequisites: PSY 5000
 Duration: Two to Three Months
 Months Offered: By Arrangement

The student will participate in an ongoing research program in which rhesus monkeys are trained to perform certain operant tasks used to assess cognition and memory. The studies will be performed at the Animal Behavior Center, a core facility of the Alzheimer's Research Center. Focus will be placed on the study of novel drugs and procedures developed for the treatment of cognitive diseases such as Alzheimer's disease and attention deficit disorder. Students will receive background information in these areas and participate in the training of animals, administration of treatment regimens, and data analysis. (Jerry J. Buccafusco, Ph.D. 721-6355)

**PSY 5023 Inpatient and Consultation Child
Psychiatry**

Location: MCG Hospital, 3-South, 9-North
 Enrollment: 1 per rotation
 Prerequisites: PSY 5000
 Duration: One Month
 Months Offered: August through December, February through June

This elective consists of both inpatient and consultation-liaison components. In the former, the student will participate as a member of a multidisciplinary inpatient treatment team in the evaluation and inpatient care of children (ages 3-12 years) with severe

behavioral and emotional problems. The student will be involved in individual, family, and group treatment modalities as well as attend didactic presentations on topics in child psychiatry. In the second component of this elective, the student will participate in the child psychiatry consultation-liaison service through which psychiatric difficulties of children in other areas of the hospital are addressed. Elective goals include gaining a knowledge of diagnostic issues, evaluation strategies, behavioral and pharmacologic treatments, and mental health resources available for children. The student will work directly with faculty and child psychiatry fellows. (Dr. Donna Londino, Ext. 3141)

PSY 5028 HIV/AIDS: Psychiatric and Psychosocial Issues

Location: Outpatient Psychiatry, Infectious Disease Clinic, Pediatric Infectious Disease Clinic, and C.A.R.E. (CSRA AIDS Resource and Education)
 Enrollment: 1 per rotation
 Prerequisites: PSY 5000
 Duration: One Month
 Months Offered: By Arrangement

In this elective, students will be given an opportunity to explore the psychological impact of HIV/AIDS by participating as part of MCG's HIV/AIDS Mental Health Treatment Team. Students will participate in the treatment of individuals infected with and affected by HIV/AIDS through assessment, individual and group therapy, and psychological consultation in several HIV/AIDS treatment environments. Issues emphasized will include common psychiatric disorders in the HIV population, substance abuse, cultural and sexual orientation diversity, psychopharmacology in HIV disease management, adjustment to illness, treatment adherence and end-stage AIDS/grief work. Opportunities to participate in ongoing HIV mental health research projects are available. Reading assignments will be provided and students will participate in an ongoing Diversity Issues in HIV reading group. (Dr. Lara Stepleman, Ext. 1-7969)

PSY 5029 Molecular Neurobiology of Treatment Outcome of Schizophrenia

Location: Medical Research, VA Medical Center (Downtown Division)
 Enrollment: 2 Maximum
 Prerequisites: PSY 5000
 Duration: One Month
 Months Offered: By Arrangement

This elective will explore the molecular neurobiologic markers of antipsychotic actions on brain in rats. The common molecular markers will be studied in body fluids in early psychotic and chronic schizophrenic patients before and after treatment with antipsychotics. The association of these molecular substrates to several key symptomatic dimensions will be examined in patients to understand their clinical applicability. The students will be trained in all aspects of laboratory analysis as well as to watch the clinical assessments in patients. (Dr. Sahabarao Mahadik, VA Ext. 2490)

Psy 5030 Child and Adolescent Psychiatry Outpatient Experience

Location: MCG Outpatient Clinic
 Enrollment: 1 per rotation
 Prerequisites: PSY 5000
 Duration: One Month
 Months Offered: By Arrangement

Students are offered the opportunity to work directly with faculty and child psychiatry fellows in the evaluation and treatment of children and adolescents (2-18 years) with a variety of behavioral and emotional problems. Emphasis will be placed on evaluating the child's performance in family, school and social situation along with biological predisposition to illness. Students will be given the opportunity to participate in intake assessments, individual psychotherapy and pharmacotherapy while receiving supervision in these practices. Elective goals will include familiarization with diagnostic issues, evaluation strategies, and behavioral and pharmacological treatments. (Eric Lewkowicz, M.D., Ext. 1-8808)

Department of Radiology

RAD 5001 Radiology

Location: MCG Hospital
 Enrollment: 4 Minimum 10 Maximum
 Prerequisites: None
 Duration: 4 weeks
 Months Offered: July through April (May-June by arrangement with Dr. Clarence Joe or Mr. James Corley)

The four week elective provides a basic overview of clinical radiology. Students rotate through most of the major areas of radiology, participating in the clinical diagnostic process. In addition to clinical rotations, lectures and case conferences are scheduled throughout the rotation. The primary goal of the elective is to help the student develop a better understanding of the functions of radiology as a contributor to primary care of the patient. The student will learn to recognize certain basic radiographic signs and patterns; however, it is not intended that students will be able to "read" a radiograph at the end of the elective. (Dr. Rawson)

RAD 5003 Clerkship in Pediatric Radiology (Special Elective)

Location: MCG Hospital and/or Children's Medical Center
 Enrollment: 2 Maximum
 Prerequisites: None
 Duration: 4 weeks
 Months Offered: July through April

This clerkship is designed for students who have an interest in either Diagnostic Radiology, Pediatrics, or Family Medicine. The four-week rotation will include exposure to radiography, fluoroscopy, CT, ultrasound, and MRI of the pediatric patient. In addition to didactic lectures, the student will attend film reading sessions with faculty and resident(s).

The goals of this course include learning basic film reading including chest radiography, understanding the modalities to image pediatric pathology, and determining an efficient approach to the radiologic evaluation of the pediatric patient. (Dr. Howell)

RAD 5004 Advanced Clerkship in Diagnostic Radiology (Special Elective)

Location: MCG Hospital and/or VAMC
 Enrollment: Maximum 6
 Prerequisites: RAD 5001 (or permission of Course Coordinator)
 Duration: 4 weeks
 Months Offered: By arrangement with Mr. James Corley

This advanced clerkship is designed for students who, after completing RAD 5001, desire additional exposure to diagnostic radiology. The four weeks can be spent in one specific section of the Department or a combination of sections to accommodate the desire and need of the individual student.

The student is assigned to work with a mentor in the area of his/her specific interest. Together, they plan objectives and activities to include patient care, academic pursuits, and/or research. The mentor and the student agree on an evaluation plan consistent with the objectives and activities.

RAD 5005 Radiology Clerkship (Off Campus Elective—Green Sheet)

Location: Off Campus site by special arrangement
 Enrollment: Variable
 Prerequisites: None
 Duration: 4 weeks
 Months Offered: By arrangement with Mr. James Corley

Special arrangements can be made for elective periods of four weeks in the Department of Radiology of other institutions or as preceptorships with individual radiologists, subject to approval of the Chairman of the MCG Department of Radiology

The student must work with a mentor at the off campus site to plan objectives, activities, and evaluation of experiences. This course is generally considered to be comparable to RAD 5001 in purpose and design. It is often chosen by the student who is considering pursuit of a radiology residency who would like to obtain additional and varied experiences in the field.

RAD 5006 Clerkship in Radiation Therapy Oncology

Location: Georgia Radiation Therapy Center and MCG
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: None
 Duration: 4 weeks
 Months Offered: July through April

The student will be afforded an opportunity to see a large variety of tumors treated with various modalities of radiation therapy. He will participate in tumor conferences at the various hospitals and also attend the radiation therapy cancer clinics at the Georgia Radiation Therapy Center. He will get experience in the workup and general management of the cancer patient in the areas of curative therapy, palliation, and supportive care. (Dr. Chris Sheils)

RAD 5007 Vascular/Interventional Radiology (Special Elective)

Location: MCG, UH, and/or VAMC
 Enrollment: 2 Maximum
 Prerequisites: Senior Medical Student
 Duration: 4 weeks
 Months Offered: By arrangement with Mr. James Corley

The student works one-on-one with faculty angiographers in the performance of vascular and interventional procedures. The student and the attending set specific goals and plan learning activities that will lead to attainment of the student's objectives. Students will assist with patient preparation and monitoring, write clinical workups, observe procedures, and assist residents/fellows in preparation for case conferences. Sufficient time will be allowed for studying the teaching file and participating in similar learning activities. (Dr. Bates)

RAD 5012 Radiobiology (Special Elective)

Location: MCG Hospital
 Enrollment: 1–4
 Prerequisites: None
 Duration: 4 weeks
 Frequency: By arrangement Mr. James Corley

This course focuses primarily on the physiological and anatomical effects of ionizing radiation on biological systems, dealing specifically with x, gamma, and beta radiations as they are applied in diagnostic and therapeutic protocols. The scope of the course includes an introduction to radiobiology, radiation hazards and radioprotection. Specific topics include the production and use of x radiation at varying levels of energy as well as the development, application and effects of gamma and beta emitting radiopharmaceuticals. The somatic and genetic effects of diagnostic levels, therapeutic doses, and inadvertent exposure to environmental and/or industrial contaminations are addressed. The material is presented primarily in lecture format with a limited number of laboratory exercises, but students are encouraged to participate in ongoing or individual research projects. (Dr. Mivechi)

Department of Surgery

General

SUR 5001 General Surgery Clerkship (Special Elective)

Location: Dwight David Eisenhower Army Medical Center
 Enrollment: 1 Minimum 4 Maximum
 Prerequisites: SUR 5000
 Duration: One Month
 Months Offered: July through June

Consists of both ward and ambulatory surgical patient responsibilities for initial evaluation, pre and postoperative planning and care under the supervision of the surgical resident house staff and the Director of Surgical Education. Experience will include the care of peripheral vascular, thoracic, colorectal and general surgical patients as well as a broad exposure to all other surgical specialties. The student will be a participant in all scheduled

teaching conferences. (Individual arrangements must be made in advance through the Department of Surgery, Medical College of Georgia and Eisenhower Army Medical Center.)

SUR 5002 General Surgery Research
(Special Elective–Green Sheet)

Location: MCG Hospital, VA
Enrollment: 1 Minimum 2 Maximum per Tutor
Prerequisites: None
Duration: One to Two Months
Months Offered: July through June

Individual students may elect to study in depth, for a period of one to two months, any specific area in surgery under the guidance of the faculty member most familiar with that specific area. A thesis or report on the subject chosen is a necessary part of this elective. No student is eligible for more than one such elective. (Chairman and Staff)

SUR 5003 Preceptorship
(Special Elective–Green Sheet)

Location: To be provided at time of Registration
Enrollment: 1 Minimum 2 Maximum per Preceptor
Prerequisites: SUR 5000
Duration: One to Two Months
Months Offered: July through June

Clinical experience with individual private preceptor, in his office, operating room and hospital. (Individual arrangements must be made through both the Chairman of Surgery and the Clinical Surgeon involved.)

SUR 5004 Off Campus Experience
(Special Elective–Green Sheet)

Location: To be provided at the time of registration. Includes Columbus.
Enrollment: 1 Minimum 2 Maximum
Prerequisites: SUR 5000
Duration: One to Two Months
Months Offered: July through June

Students may elect off campus experience in some phase of surgery in some other Medical School or institution for a period of one to two months. For help in making arrangements, interested students should contact the Medical College of Georgia counterpart of the individual at the other institution with whom they wish to work. Such electives must be an identifiable course of instruction. An evaluation of student's performance will be required. No student is eligible for more than one such elective. (Chairman of Surgery)

SUR 5005 Senior Student Trauma Rotation
(Special Elective)

Location: Memorial Medical Center
Savannah, Georgia
Enrollment: Maximum 1
Prerequisites: SUR 5000
Duration: One Month
Months Offered: July through June

The student will be assigned to the Director of the Trauma Service and be responsible to him. The experience will include trauma call, trauma surgery, patient care in the trauma intensive care unit, and patient care in the outpatient clinics. Lectures on trauma care and trauma system development will be included. An introduction to the principles and practices of prehospital care, to include experience on both helicopter and ground EMS services, is included. (Carl R. Boyd, M.D.)

Objectives: To give the student an understanding of the principles and practice of care of the multiple injured patient. Also, the student should gain an understanding of the importance of the trauma care system development in prehospital care of the trauma patient.

Evaluation: Evaluation will be by direct observation by the preceptor and also by standardized written tests at the end of the rotation.

Arrangements should be made through the Department of Surgery, Medical College of Georgia, and Memorial Medical Center, Surgical Education Department, Savannah, Georgia (912) 350-8076.

SUR 5006 Advanced Clerkship at Memorial Medical Center, Savannah, GA
(Special Elective)

Location: Memorial Medical Center Inc.
Savannah, GA
Enrollment: Minimum 1 Maximum 2
Prerequisite: SUR 5000
Duration: 4 weeks
Months Offered: July through June

During this elective experience the student will be assigned to one of the general surgical services and function as an intern under the watchful eye of the chief resident and chief of service. He or she can expect to be responsible for assigned patients, do a complete work up, scrub on the surgery, be asked to write orders, and follow the patient throughout their hospital course. This elective will be useful in allowing the students to determine whether they wish to pursue a career in surgery or not. (Carl R. Boyd, M.D.)

(Arrangements should be made through the Department of Surgery, Medical College of Georgia, and Memorial Medical Center, Surgical Education Department, Savannah, Georgia, (912) 350-8076.)

**SUR 5007* *Substitute Internship
(Special Elective–Green Sheet)***

Location: MCG Hospital and VA Hospital
 Enrollment: Maximum 4 per month (one student each for MCG GI Surgery, VA Surgery, Vascular/Transplant Surgery, Surgical Oncology)
Prerequisites: SUR 5000
 Duration: Four Weeks
 Months Offered: July through June

Students on this elective will function as substitute interns on the General Surgical Services at the Medical College of Georgia and VA Hospitals. The student will be assigned to a specific surgical service and will function as an integral part of that service. The student is expected to initiate the clinical data base, begin diagnostic measures, and where possible, to perform surgical procedures with supervision. In addition, he/she will participate in the teaching responsibilities, conferences, clinics, and operating experiences of the service to which he/she is assigned and he/she will be assigned night call responsibilities. (Dr. Robert Nesbit)

SUR 5008 *Clinical Management of the Critically Ill/Injured Patient*

Location: MCG Hospital
 Enrollment: 1 Minimum 3 Maximum
Prerequisites: SUR 5000
 Duration: One Month
 Months Offered: July through June

The student will be involved in the care of patients on the Burn/Trauma Service. These patients frequently have injuries and functional disruption of multiple organ systems and therefore offer opportunities not only in learning management of burns and trauma, but also critical care. Cardiovascular, pulmonary and renal physiology are stressed and the frequent use of mechanical ventilatory support and invasive cardiovascular monitoring provide extensive experience in care of the critically ill. The interrelationship of anatomy, pathophysiology, biochemistry, pharmacology and microbiology is studied in relationship to the management of burns, trauma and critical care. Selected readings, didactic presentations, video taped lectures, perceptually instruction and clinical interface are all used as teaching methodology. These students participate as an active member of the patient care team. (Dr. Michael Hawkins)

**SUR 5009 *Clerkship, Atlanta Medical Center
(Special Elective)***

Location: Atlanta Medical Center, Atlanta, GA
 Enrollment: 1 Minimum 6 Maximum
Prerequisites: Core Curriculum
 Duration: One Month Minimum, Two Months Max
 Months Offered: July through June

During assignment in surgery at Atlanta Medical Center in Atlanta, students will be introduced to surgical practice in a major private hospital setting.

During this educational experience, there will be daily morning academic encounters through attending teaching, covering vari-

ous areas of general and subspecialty surgery, giving academic introductions to cardiovascular, pulmonary, urologic, trauma, plastic and general surgery. The student will be assigned daily to surgical procedures and will usually observe two to three cases. Participation in private office and clinics is expected.

Special attention will be devoted to the principles of physical examination of the acute and chronic surgical problems. Bedside teaching in these areas will be paramount.

To supplement lectures and operative experience, surgical rounds will be conducted daily, on the floors and in the intensive care unit areas with the surgical house officers and Chief Resident in Surgery. Special attention during these rounds will be given to problems of critical care monitoring, fluid and electrolyte replacement, hyperalimentation, and cardiopulmonary management.

A surgical library is provided for reading and study during free time and academic pursuit along these lines is stressed while learning practical experience of patient evaluation and care.

Senior students interested contact directly the Administrative Secretary for the Department of Surgery, Office of Medical Education, (404) 265-4411.

**SUR 5010 *Nutrition, Enteral and Parenteral
Advanced Clerkship, Atlanta Medical
Center Metabolic Support Service
(Special Elective)***

Location: Atlanta Medical Center
 Atlanta, GA
 Enrollment: 1 Minimum 1 Maximum
Prerequisites: Core Curriculum
 Duration: One Month
 Months Offered: July through June

During assignment in the Metabolic Support Service at Atlanta Medical Center, senior students will be introduced to the principles and techniques of nutritional support (enteral and parenteral) in a major private hospital setting.

This educational experience allows the student to make daily rounds with members of the Metabolic Support Service, i.e., physician, nurse, dietitian, pharmacist, and Trauma/ICU teams.

There will be lectures on the principles and concepts of total parenteral nutrition, and enteral alimentation. In addition, the student will have an opportunity to participate in consultations, the initial workup prior to beginning nutritional support, and daily followup and monitoring.

The student will also receive instruction in assessment of nutritional status, potential metabolic complications, complications associated with the insertion of central venous catheters, and the use of nutritional support in hepatic and renal failure. Attention will also be devoted to formulation of solutions, drug interactions, and composition of tube feeding formulas.

To supplement lectures and clinical experience, teaching rounds will be conducted weekly with all members of the health care team, i.e., Infection Control, Pathology Department, Pharmacy. During these rounds, adherence to protocols, fluid and elec-

trolyte imbalance, and individual patient recommendations will be discussed.

The student will also have the opportunity to read and study current references on the methods of nutritional support provided by the Medical Library and the Metabolic Support Service.

Senior students interested should contact directly the Administrative Secretary for the Department of Surgery, Office of Medical Education, (404) 265-4411.

**SUR 5013 Surgical Critical Care/Trauma Clerkship
(Special Elective)**

Location: Atlanta Medical Center
Atlanta, Georgia
Enrollment: 1 Minimum 1 Maximum
Prerequisites: Core Curriculum
Duration: 1 Month Minimum 2 Months Max
Month Offered: July through June

During assignment at Atlanta Medical Center, students will be introduced to Surgical Critical Care and Trauma.

There is an 18 bed Surgical Intensive Care Unit (SICU), a busy Trauma Surgery service, CVICU and CICU. During this rotation, the student is assigned to patients in one of the surgical ICUs. There are daily teaching rounds in the SICU with the faculty and housestaff, as well as a variety of surgical conferences on a weekly basis.

The exposure to trauma patients is varied and depends on the types of patients admitted. The majority are blunt injuries and are assessed in the trauma admitting area. There is opportunity to spend time with the helicopter team relative to transport care and issues.

A surgical library is provided for reading and study during free time and academic pursuit along these lines is stressed while learning practical experience of patient evaluation and care.

Senior students interested should contact directly the Administrative Secretary for the Department of Surgery, Office of Medical Education, (404) 265-4411.

**SUR 5015 Tutorial in the History of Medicine
(Special Elective–Green Sheet)**

Location: MCG Hospital
Enrollment: 2 Maximum
Prerequisites: None
Month Offered: August through June

The student will perform research on a selected topic in the history of medicine. He/shewill meet regularly with Dr. Nesbit for discussion and will prepare a paper suitable for submission for presentation/publication. Elective must be approved by Dr. Robert Nesbit (BB-4513A, Ext. 4761).

Neurosurgery

SUR 5200 Neurosurgery Clerkship

Location: MCG Hospital, VA
Enrollment: 1 Minimum 4 Maximum
Prerequisites: NEU 5000
Duration: One to Two Months
Months Offered: July through June

This externship provides opportunity for combining the direct patient care responsibilities of a junior house officer with practice in performing neurological examinations while participating with staff members in the practice of neurosurgery. The extern will be assigned eight patients for which he will have primary responsibility for daily care under the supervision of the senior house officer and staff of the Neurosurgery Service. He will participate in patient evaluations in the clinic and in daily teaching conferences. This elective provides for a close working relationship between the staff and the student while at the same time providing opportunity for patient care responsibilities.

**SUR 5202 Neurosurgery Preceptorship
(Special Elective–Green Sheet)**

Location: To be provided at time of Registration
Enrollment: 1 Minimum 2 Maximum
Duration: One to Two Months
Prerequisites: NEU 500
Months Offered: July through June

This elective provides an opportunity for students who wish to study neurosurgery at another institution. It will be necessary to talk over the needs of the student in detail with Dr. Mark Leel prior to making arrangements for this elective. (Dr. Mark Lee)

**SUR 5203 Combination Neurosurgery Clerkship
and Research**

Location: MCG Hospital or VA
Enrollment: 1 Minimum 2 Maximum
Prerequisites: NEU 5000
Duration: One to Two Months
Offered: July through June

This experience provides opportunity for direct patient care responsibilities of a junior house officer with practice in performing neurological examinations and participating in neurosurgical therapy and simultaneously becoming involved in a limited neurosurgical clinical research experience. The research project may be initiated by the student or he may elect to participate in an ongoing research project with one of the faculty members. The patient care responsibilities will be limited to five or six patients and accomplished under the supervision of the chief resident and staff.

This elective will necessarily be arranged on an individual basis with the particular faculty member with whom the student wishes to perform the research in order to assure facilities. (Dr. Mark Lee)

SUR 5205 Pediatric Neurosurgery Clerkship

Location: MCG Hospital
 Enrollment: 1 Min 2 Maximum
 Prerequisites: NEU 5000
 Duration: 1 Month
 Months: July through June

Pediatric Neurosurgery focuses on the management of developing nervous system. This elective will encompass inpatient and outpatient care of these children. The student will participate in daily ward rounds, diagnostic and treatment planning, surgery and outpatient evaluation under the supervision of Neurosurgery house officers and faculty.

The emphasis of the clerkship will be on the unique nature of children's neurosurgical problems, as well as on the management of these problems, both through surgery and the interactions with other medical and surgical pediatric specialists such as Neonatology, Neurology, Oncology and Intensive Care. (Dr. Ann Flannery)

Otolaryngology**SUR 5250 Otolaryngology**

Location: MCG Hospital
 Enrollment: 1 Minimum 3 Maximum
 Prerequisites: None
 Duration: One Month
 Months Offered: July through June

This clerkship is designed to familiarize the student with the diseases of the ears, nose and throat with emphasis on diagnostic techniques, including physical examination techniques, radiology, audiometrics and endoscopic procedures. The student will be introduced to the principles of head and neck surgery, facial plastic surgery, endoscopy and neurotology. The utilization of the office and hospital patients will allow the student to participate in and observe the specialty of Otolaryngology. (Dr. Porubsky)

SUR 5251 Otolaryngology Surgery

Location: VA Hospital
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: None
 Duration: One Month
 Months Offered: July through June

This clerkship is designed to familiarize the student with the diseases of the ears, nose and throat with emphasis on diagnostic techniques, including physical examination techniques, radiology, audiometrics and endoscopic procedures. The student will be introduced to the principles of head and neck surgery, endoscopy and neurotology. (Dr. Klippert)

SUR 5252 Otolaryngology Off Campus Experience (Special Elective–Green Sheet)

Location: Provided at time of Registration
 Enrollment: Open
 Prerequisites: None
 Duration: One Month
 Months Offered: July through June

Students may elect off campus experience in place of Otolaryngology in some other medical school or institution for a period of one to two months. For help in making arrangements, interested students should contact the Section of Otolaryngology here at the Medical College of Georgia. Arrangements then can be made with the counterpart at the other institution. An evaluation of the student's performance will be required. (Dr. Porubsky)

SUR 5253 Clerkship in Otolaryngology and Head and Neck Surgery (Special Elective)

Location: Memorial Medical Center
 Savannah, GA
 Enrollment: One per month
 Prerequisites: SUR 5000
 Duration: One Month
 Months Offered: July through June

This elective provides exposure to inpatient and outpatient otoneurology, otology, rhinology, laryngology, and head and neck surgery. The student will be exposed to hospital consultations, emergency room call, and will be able to follow the patient from initial outpatient examination through the operating room and postoperative care, to discharge. Instructional videos and didactic lectures will be included in this comprehensive elective. (Drs. Michael Zoller, Fred L. Daniel, David S. Oliver, and Stephen L. Rashleigh)

Objectives: This elective will provide exposure to all aspects of otolaryngology and head and neck surgery.

Evaluations: Written exam, and clinical evaluation by preceptors.

Arrangements should be made through the Department of Surgery, Medical College of Georgia, and Dr. Michael Zoller, 5201 Frederick Street, Savannah, Georgia 31405 (912) 351-3030.

Orthopedics**SUR 5275 Orthopedics Clerkship (Special Elective)**

Location: MCG Hospital and Clinics, VA Hospital, University (Designate location)
 Enrollment: 1 Minimum 3 Maximum
 Prerequisites: SUR 5000
 Duration: One Month
 Months Offered: All year. July through October–Reserved for Students choosing Ortho as Advisor. November–June–Lottery

Arrange through Faculty Coordinator, Dr. Bertrand.

**SUR 5278 Orthopedics Off Campus Experience
(Special Elective—Green Sheet)**

Location: To be provided at the time of registration
 Enrollment: 1 Minimum 2 Max per preceptor
 Prerequisites: SUR 5000
 Duration: One to Two Months
 Months Offered: July through June
 Arrange through Faculty Coordinator, Dr. Bertrand.

SUR 5280 Spinal Cord Injury Service

Location: VA Medical Center
 Enrollment: 1 Minimum 3 Maximum
 Prerequisites: SUR 5000
 Duration: One to Two Months
 Months Offered: July through June

This is a primary care elective. The student will manage spinal cord injured patients admitted to SCI Service at the VAMC. Regular daily bedside teaching rounds will be held as well as preceptor student sessions with faculty members on SCIS Staff. The student will be exposed to the variety of altered physiologic and psychologic responses of spinal cord injured patients, including neurosurgical and orthopedic problems. Such patients also require the application of all phases of medicine for example, acute respiratory failure requiring ventilator support, pulmonary thromboembolism, pneumonia, dysreflexia, pulmonary etc. The student will be part of a multidisciplinary team involved in various stages of rehabilitation. This elective will also familiarize the student with various types of adaptive equipment and the direct application of rehabilitative medicine principles.

Supervision will be provided by the SCIS Staff Physicians.

Arrange through Faculty Coordinator Dr. Vidya C. Sridharan, Chief, Spinal Cord Injury Service, VA Medical Center.

**SUR 5292 Orthopedic Surgery Research
(Special Elective)**

Location: MCG Hospital and Clinics and Surgical Research Laboratories
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: SUR 5000
 Duration: One to Two Months
 Months Offered: July through June

This elective is designed to provide the student with research experience in orthopaedic surgery. The student may suggest a research proposal or participate in one of the studies that are currently ongoing in the section. These studies include investigations in tissue responses to implanted biomaterials, evaluation of implants and tissue interfaces to implants and patient outcome studies in a variety of clinical areas. Arrangements should be made with Dr. Scott Corpe (Total Joints) and Dr. Michael Tucker (Orthopedic Trauma).

Primary Care Sports Medicine—see FMP 5015

Pediatrics

SUR 5300 Pediatric Surgery

Location: CMC
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: SUR 5000
 Duration: One to Two Months
 Months Offered: July through June

Pediatric Surgery Elective is offered to those completing the Surgery Core. Designed to introduce the student to the fundamentals involved in the Clinical Care of the Pediatric Surgical patient. (Dr. Charles Howell)

Thoracic and Cardiac Surgery

SUR 5325 Thoracic and Cardiac Clerkship

Location: MCG Hospital, VAMC
 Enrollment: 2 Max (VA 1 MCG 1)
 Prerequisites: SUR 5000
 Duration: One Month
 Months Offered: July through June

This elective is designed to provide additional experience in pathophysiology and treatment of intrathoracic disease. The student participates with the chief resident and/or attending thoracic surgeon in answering consultations regarding patients with potential thoracic surgical problems on other services. In addition, opportunities are available for experience in treatment of critically ill patients in the surgical intensive care unit. Responsibilities of the student are entirely separate from those taking the required subspecialty clerkship. (SUR 5000) In addition, the student participates in all conferences, rounds and clinics.

**SUR 5326 Thoracic and Cardiac Surgery
Preceptorship**

(Special Elective—Green Sheet)
 Location: To be provided at time of registration
 Enrollment: 2 Max
 Prerequisites: SUR 5000 (to include rotation through Thoracic Surgery)
 Duration: One Month
 Months Offered: July through June

Arrangements may be made for a student to work with a private thoracic cardiac surgeon off campus or at another medical school to provide a student with additional experience in this field. This would provide a student an opportunity to observe methods of treatment of patients in hospitals other than MCG Hospital.

SUR 5327 Community Mentorship Program at MCG

Location: MCG Hospital
 Enrollment: 4 Maximum
 Prerequisites: Phase III
 Duration: One Month
 Months Offered: July

The student will be responsible for devising and teaching a didactic course for the community students participating in the mentorship program. The student will also be responsible for providing one-on-one mentoring for the high school/freshmen college students. The student should have a strong interest in teaching and introducing these high school/college students to the medical profession. The first two weeks in July will be spent developing the courses for participants. The last two weeks of July will be spent teaching participants of the program.

(Dr. Anstadt)

Urology**SUR 5350 Urology Clerkship**

Location: MCG Hospital or DDEAMC, Ft. Gordon
 Enrollment: MCG Hospital—1 Min 4 Max
 Ft. Gordon—1 Min 2 Max
 Prerequisites: SUR 5000
 Duration: One Month
 Months Offered: July through June

A four week patient care elective in general urology which can be taken at MCG Hospital (Max 4 students) or Dwight David Eisenhower Army Medical Ct., Fort Gordon, Georgia (Max 2 students). Emphasis is on evaluation of the urologic patient, both inpatient and outpatient. Students have an opportunity to assist on cystoscopies and several operative procedures. Opportunity to learn proper technique for urethral dilations, urethral catheterizations and prostatic evaluation is available. Students are assigned inpatients in rotation and perform histories and physical examinations upon them and then follow the patient daily including preoperative, operative and postoperative care. Faculty, residents and students make ward rounds and review all urologic Xrays daily. Informal conferences with faculty and/or residents are held covering such topics as G.U. malignancies, urolithiasis, prostatic disease, neurogenic bladder and complications of the catheter. (Dr. R. Lewis)

**SUR 5351 Urology Off Campus Experience
(Special Elective—Green Sheet)**

Location: Provided at time of registration
 Enrollment: 1 Minimum 3 Maximum
 Prerequisites: SUR 5000
 Duration: One Month
 Months Offered: July through June

A four week patient care offcampus elective which can be taken with a qualified urologist anywhere. The course content should about parallel SUR 5350. (Dr. R. Lewis)

Plastic**SUR 5375 Plastic Reconstructive Surgery**

Location: MCG Hospital
 Enrollment: 1 Minimum 2 Maximum
 Prerequisites: None
 Duration: One to Two Months
 Months Offered: July through June

The Plastic and Reconstructive Surgery Service is a clinical service involved with evaluation and management of wound healing problems, repair of nerves, tendons, vessels and bone and incorporating clinical material including tumors of the head and neck, injuries of the face and extremities, thermal burns and congenital abnormalities. The elective may be taken as a one month rotation to include participation in ward rounds, clinics and in the operating room. (Dr. Yu)

**SUR 5376 Plastic Reconstructive Surgery
Off Campus****(Special Elective—Green Sheet)**

Location: Provided at time of Registration
 Enrollment: 1 Minimum 3 Max per preceptor
 Prerequisites: None
 Duration: One to Two Months
 Months Offered: July through June

The Plastic and Reconstructive Surgery Service is a clinical service involved with evaluation and management of wound healing problems, repair of nerves, tendons, vessels and bone and incorporating clinical material including tumors of the head and neck, injuries of the extremities, thermal burns and congenital abnormalities. The elective may be taken as a one month rotation to include participation in ward rounds, clinics and in the operating room. (Arrange through Dr. Yu)

**SUR 5377 Plastic Surgery Memorial Medical
Center (Special Elective)**

Location: Memorial Medical Ct., Savannah
 Enrollment: Maximum 6
 Prerequisites: Sur 500
 Duration: One, Two or Three Months
 Months Offered: July through June

The elective rotation on plastic and reconstructive surgery is designed to acquaint and familiarize the medical student with plastic surgery and its relation to the clinical care of patients. The emphasis will be on common plastic surgical problems with particular attention to plastic surgical solution to these problems. The rotation will include daily rounds on the plastic surgical service, daily sessions in the operating theater, and evaluations of patients both in the hospital and the private office setting. There will also be didactic sessions on various phases and aspects of plastic surgery during the rotation. The theme of the plastic surgery rotation will be on basic wound care and soft tissue management. There will be opportunities to perform minor surgical procedures both in the operating room and in the emergency room. The student will be provided with basic

plastic surgery text materials, a reading list as well as a comprehensive library of plastic surgery material, which will be available at his disposal. Additionally, daily clinical discussions are provided to ensure that the elective rotation provides a well rounded and thorough introduction to plastic and reconstructive surgery. (Dr. E. Daniel DeLoach)

Objectives: To give the student an overall broad experience with plastic and reconstructive surgery with specific emphasis on wound healing and management of soft tissues.

Evaluation: Oral.

Arrangements should be made through the Department of Surgery, Medical College of Georgia, and Memorial Medical Center, Surgical Education Department, Savannah, Georgia, (912) 356-8598.

Admissions Bulletin

[School of Medicine](#)

[A-Z Index](#)

[MCG Home](#)

[Site Search](#)

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Associate Dean for Admissions and Student Affairs

Mrs. Linda DeV Vaughn

Director of Admissions and Student Affairs

Esther Holland

Supervisor, Student Admissions

Dorothy Knight

Administrative Coordinator

Bonnie Hutcheson

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Diane Riffe

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Debra Morgan

Director of the MCG Outreach Program



School of Medicine

Admissions Bulletin 2004

Table of Contents

General Information

- [Medical College of Georgia](#)
- [Institutional Mission](#)
- [School of Medicine Institutional Faculty List](#)
- [Campus Community](#)

[Curriculum](#)

[Admissions Information](#)

- Affirmative Action/Equal Opportunity Educational Institution
- General Admissions Information
- Competition for Admission
- Application Procedures
- Application Fee
- Georgia Residents and Non-Residents
- Early Decision Program

- Doctor of Medicine/Doctor of
- Philosophy Combined Degree Program
- General Information
- Requirements for Admission
- International Applicants
- Transfer with Advanced Standing
- Immunization Policy
- HIV (AIDS) Statement

[Admissions Requirements](#)

- General Admission Guidelines
- Technical Standards for Admission
- General Academic Requirements
- Required Courses
- MCAT Requirements
- Interviews

[Employment Opportunities](#)

[Multicultural Affairs](#)

- Special Academic Programs
- Minority Student Affairs

[Financial Information](#)

- Estimated Academic Expenses
- Estimated Other Expenses
- Policy on Student Health Insurance
- Financial Aid
- Refund Policy
- Acceptance Deposits

[Housing Information](#)

- On-Campus Housing
- Off-Campus Housing

[Food Service Information](#)

For Additional Information Contact:

Associate Dean for Admissions

School of Medicine - AA-2040
Medical College of Georgia
Augusta, GA 30912-4760
(706) 721-3186 / (706) 721-0959 (Fax)
email: stdadmin@mcg.edu

For additional information regarding the Medical College of Georgia and the Augusta community, visit www.mcg.edu.

The information in this bulletin is complete for the School of Medicine at the Medical College of Georgia. For general admissions information on other medical schools in the United States and Canada, please refer to Medical School Admission Requirements 2003-2004. This publication is available from:

Medical School Admissions Requirements
Attn: Membership and Publication Orders
Association of American Medical Colleges
2450 N Street, N.W.
Washington, DC 20037-1129

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November 19, 2003

Medical College of Georgia

[A-Z Index](#) | [MCG Home](#) | [Site Search](#)

About MCG

[MCG Overview](#)

Facts and general information about the Medical College of Georgia.

[Office of the President](#)

Daniel W. Rahn became MCG's 7th President in June, 2001.

[MCG Leadership](#)

President's Cabinet, Board of Regents information, administrative offices and organizations, and MCG's policies and procedures.

[MCG History](#)

A chronicle of MCG's rich traditions and history.

[Institutional Faculty List](#)

Provides a listing of faculty, with contact information, current publications and more.

[IRIS](#)

MCG's online data and information system. Includes facts and figures on faculty, staff, residents, students, graduates and more.

[People and Places](#)

Directories, maps, and local Augusta information.

[MCG Degrees and Majors](#)

Provides a listing of degrees and majors authorized by the University System of Georgia.



More Information

[MCG Mission Statement](#)

[Organizational Charts](#)

News and Publications

[AlumNews](#)

[MCG Beeper](#)

[MCG Today Magazine](#)

[MCG Tomorrow Magazine](#)

[News Releases](#)

Student Admissions

[Registrar](#)

[Division of Student Affairs](#)

[About MCG](#) | [Medical College of Georgia](#)

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April 19, 2004

[Curriculum](#)[Admissions Information](#)[Admissions Requirements](#)[Employment
Opportunities](#)[Multicultural Affairs](#)[Financial Information](#)[Housing/Food Service
Information](#)

School of Medicine Admissions Bulletin 2004

Admissions Information



The Medical College of Georgia is an Affirmative Action/Equal Opportunity Educational Institution. No person shall, on the grounds of age, disability, gender, national origin, race, religion, sexual orientation or status as a Vietnam Era Veteran, be excluded from participation in, or be otherwise subjected to discrimination in any educational program, activity or facility.

General Admissions Information

Admission is on a competitive basis. There were 825 applications from residents of Georgia and 623 applications from non-residents for admission to the August 2003 class. The class consists of 180 students with a maximum of 5 percent from outside the state of Georgia. There is no required minimum grade point average or score on the Medical College Admission Test. The admission committee selects applicants who are best-qualified to study medicine.

Application Procedures

The Medical College of Georgia participates in the American Medical College Application Service (AMCAS), a centralized application service administered by the Association of American Medical Colleges. Students wishing to apply to the Medical College of Georgia School of Medicine may obtain the application from AMCAS and return the

completed application to that office between June 1, 2003, and November 1, 2003. The deadline for applying for admission to the August 2003 class is November 1, 2003. The Medical College of Georgia must be listed as a school of application with AMCAS by the November 1 deadline. Applicants who claim Georgia as their state of residence must make this claim on their AMCAS application no later than November 1. No residency changes are permitted after November 1, 2003.

Applications will be processed in the AMCAS office, then forwarded to the medical school(s) of the applicant's choice. Upon receipt of the student's application from AMCAS, MCG will forward to applicants approved for further consideration an application supplement and reference forms. All student supplemental records (items required in addition to the AMCAS application) should be sent back two weeks after receipt by applicant but must be in the student file no later than February 1, 2004. These items include all residency data, reference forms, required course listings and other specifically requested data.

AMCAS applications for admission to the August 2004 class are available on the internet at the following web address: www.aamc.org. This website provides the 2004 application as well as instructions for the application process. The AMCAS mailing address is as follows:

**American Medical College Application Service
Associate of American Medical Colleges
Section for Student Services
2501 M Street, NW, Lbby-26
Washington, DC 20037-1300**

Application Fee

There is no application fee at the Medical College of Georgia in addition to the AMCAS fee.

Georgia Residents and Non-Residents

Preference is given to residents of the state of Georgia. No more than 5 percent of the entering class each year can be non-residents of the state of Georgia.

Deferment

Accepted students seeking deferment will be considered on a case by case basis. To be granted a deferment the student must have extenuating personal circumstances. To be considered, the accepted student must write a letter to the Associate Dean for Admissions explaining the reasons for deferment. Each case will be presented to

and voted on by the admissions committee. Only one request for a one year deferment will be considered.

Early Decision Program

The Medical College of Georgia School of Medicine will participate in the Early Decision Program for the 2004 entering class. Only Georgia residents will be considered for the Early Decision Program. Applicants must file their applications for admission with AMCAS between June 1, 2003, and August 1, 2003. All applications must be received in the AMCAS office by the August 1 deadline to be considered under the Early Decision Program. Early Decision Program applicants must have taken the MCAT by no later than April, 2003. For the 2003 entering class, there were 150 early decision applications.

Doctor of Medicine/Doctor of Philosophy Combined Degree Program



General Information

The combined M.D./Ph.D. degree program provides students with the complete training in both medicine and research biomedical sciences required for successful careers in investigative medicine. Students will complete the academic requirements for both the M.D. degree from the School of Medicine and the Ph.D. degree from a degree-granting department of biomedical sciences in the University System of Georgia. Students may choose from eligible Ph.D. programs at the Medical College of Georgia, the University of Georgia, Georgia Institute of Technology and Georgia State University. The normal time for completing the degree is six to seven years.

Requirements for Admission

Applicants must fulfill the requirements for admission to the School of Medicine in addition to the requirements for admission to the combined program. Completion of a supplemental M.D./Ph.D. program application is required in addition to the School of Medicine application. Candidates for the dual degree program must demonstrate outstanding academic credentials in addition to a strong interest in pursuing a career in research and investigative medicine. Generally, prospective candidates for the dual degree program will be interviewed concurrently with interviews for the School of Medicine. Non-residents interested in applying to the M.D./Ph.D. programs should contact the program's office at the time of submission of the AMCAS application. M.D./Ph.D. applicants are not required to be Georgia residents.

Additional information about this program may be obtained from: Leslie Fuchs, Ph.D.; Director, M.D./Ph.D. Program, Medical College of Georgia, Augusta, GA 30912, 706-721-7860.

International Applicants

International students, as well as U.S. citizens, must have completed at least the last two years of their undergraduate or graduate education in an accredited U.S. or Canadian institution to be considered for admission to the School of Medicine.

Transfer with Advanced Standing

Students currently enrolled and in good standing at other LCME accredited medical schools will be considered for transfer admission with advanced standing to the second and third year classes of the School of Medicine only when there are compelling reasons for the transfer and only on a space-available basis. Courses taken at the student's first institution will be evaluated and transfer credit awarded on a course by course basis. Students accepted as advanced standing transfers under these circumstances may be required to study on an altered or modified curriculum and may be required to repeat certain courses taken at the student's first institution. Students seeking to transfer should contact the admissions office after March 1st to determine if any transfer spaces will be available. Application forms and additional information may be obtained from the Office of the Associate Dean for Admissions and Student Affairs, School of Medicine, AA-2040, Medical College of Georgia, Augusta, GA 30912-4760.

Immunization Policy

All entering MCG students must provide the MCG Student Health Service (or other designated office) with sufficient evidence that they are currently fully immunized against mumps, rubella (German measles), rubeola (Red measles), polio, diphtheria, tetanus, varicella

(chicken pox), and hepatitis B. Students are required to have had a tuberculin test (PPD) within three months prior to first enrollment at MCG and annually thereafter. An immunization card can be obtained at Student Health that will serve as official documentation. The following exceptions to this policy may apply in individual cases:

1. The Director of Student Health may grant exceptions for individual students in cases in which, in the director's judgment, sufficient grounds based upon medical or religious reasons exist to exempt the student. The student must provide supporting documentation prior to consideration for exemption of the mandatory immunization requirement.
2. In cases where compliance with this policy prior to first enrollment is not feasible for the enrolling student, such as a late accepted student, the Director of Student Health may grant an extension for the student to comply. Students granted an extension shall be allowed to register provisionally and shall be disenrolled if in non-compliance after the provisional period.

HIV (AIDS) Statement

The Medical College of Georgia School of Medicine encourages medical school applicants who believe they are at risk for HIV infection to seek HIV testing and counseling prior to admission.

Depending on the stage of one's HIV infection, persons who test HIV positive may wish to reconsider their career goals because of:

1. the prolonged period of medical education and the significant possibility that they may become disabled during training or early in their career;
2. the infectious hazards of certain portions of medical education and practice;
3. barriers to certain invasive clinical activities and fields of specialization because of possible hazards to patients; and
4. the financial cost of medical education.

Any School of Medicine student who knows or has reason to believe that he has HIV infection is required to report this information immediately to the Dean of the School of Medicine and to Hospital Epidemiology. Failure on the part of a student to report a known HIV infection may result in disciplinary action, up to and including dismissal.

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November 19, 2003

[Curriculum](#)[Admissions Information](#)[Admissions Requirements](#)[Employment
Opportunities](#)[Multicultural Affairs](#)[Financial Information](#)[Housing/Food Service
Information](#)

School of Medicine Admissions Bulletin 2004

Curriculum

The curriculum for the School of Medicine is undergoing review and evolutionary change as the Medical College of Georgia continues to graduate well-educated physicians in the era of health care reform. The School of Medicine curriculum is broad-based and designed to equip all students with the attitudes,



behaviors, knowledge and skills necessary to succeed in any field of medicine. While graduates of the School of Medicine are well-prepared to pursue any field of postgraduate study, MCG is dedicated to educating physicians, half of whom will ultimately desire to practice in a generalist discipline (family medicine, internal medicine or pediatrics). This bulletin describes the curriculum for the upcoming academic year. Changes in the curriculum will continue as the School of Medicine increases early clinical experiences for students, emphasizes self-motivated learning and strives to integrate the basic and clinical sciences.

During the first year, students acquire a broad foundation, including the basic sciences that underlie the science of medical practice and clinical decision making and patient interaction skills, which are primarily taught using lectures and labs with integrated clinical conferences. First year basic science courses include Cell Biology, Gross Anatomy and Histology, Biochemistry and Physiology, Development, Neuroscience, and Psychiatry. The Essentials of Clinical Medicine is a two-year sequence that emphasizes the clinical and self-directed learning skills needed for success in the third year. In the first semester of year one, Essentials of Clinical Medicine emphasizes family, cultural and population aspects of health care, communication skills and information retrieval and analysis. The second semester concentrates on health promotion/disease prevention, ethics, history taking with children and adults, and as a community project.

In year two, Essential of Clinical Medicine highlights principles of patient care throughout the life cycle and addresses interviewing and physical examination, common medical problems, and interdisciplinary topics such as ethics, nutrition, and the impact of behavior on health. Teaching strategies, including interactive small groups, preceptor relationships, and lectures are linked to course objectives. Other courses in the second year are Medical Microbiology, Pathology, and Pharmacology, the contents of which are integrated with the content of the Essentials of Clinical Medicine. On average, students are in scheduled classes 26 hours per week during the first two years. Classes are held in the modern Research and Education building and the medical student resource area which includes small group rooms with computers and internet access.

Each student is advised to purchase a computer that is capable of using relevant educational software. The Greenblatt Library maintains more than 1800 current journal subscriptions and provides access to many external data bases. Audiovisual learning aids are used in class and are available in the library. Grading is A-F with a C constituting a passing grade. Passing the USMLE Step 1 is a requirement for promotion to the third year.

Clinical Training

Patient contact begins during year one in the Essentials of Medicine course which extends through year two. Year three consists of required clerkships: Internal Medicine (12 weeks); Pediatrics (6 weeks); Family Medicine (6 weeks); OB/GYN (6 weeks); Surgery (8 weeks); Psychiatry (6 weeks); and Neurology (4 weeks). Core clerkships take place at the Medical College of Georgia Hospitals and Clinics, the Children's medical Center, and various affiliated hospitals and community-based teaching sites throughout the state. Students may rotate to affiliated community hospitals for part of the core curriculum.

During year four, students must complete four-week rotations in Emergency Medicine, Critical Care, and an acting internship in Medicine, Family Medicine, or Pediatrics. The remainder of the fourth year is for elective study which can include both clinical and research courses. Evaluation during the clinical years is based on assessment of knowledge, clinical skills, and professional behavior, and uses an A-F scale. Passing the USMLE Step 2 is a requirement for graduation. Electives may also be taken in other institutions and community hospitals upon approval by the appropriate department of the School of Medicine.

For further information regarding clinical clerkships, please see the curriculum section on MCG's web site at <http://www.mcg.edu/catalog/>.

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November 19, 2003

[Curriculum](#)[Admissions Information](#)[Admissions Requirements](#)[Employment
Opportunities](#)[Multicultural Affairs](#)[Financial Information](#)[Housing/Food Service
Information](#)

School of Medicine Admissions Bulletin 2004

Admissions Requirements



General Admission Guidelines

The admissions committee strives to identify and accept applicants who will help meet the health care needs of a widely dispersed and highly diverse population in Georgia. We seek applicants with the academic ability, personal attributes and interests consistent with our institution's mission and which produce quality physicians. The admissions committee expects applicants to have experiences shadowing physicians and volunteering in a clinical setting.

Information used for assessing an individual's academic accomplishments, personal attributes and interests includes but is not limited to the applicant's:

- responsibilities prior to application to medical school (e.g., work, providing financial support for family)
- involvement in extracurricular and community activities
- ethnic, socioeconomic and cultural background (e.g., income, education level of family members)
- region of residence with respect to its health professional needs
- commitment to practice in underserved area of Georgia
- letters of recommendation by the premedical advisor and two personal references

- motivation and potential for serving as a physician
- personal interviews
- performance on the Medical College Admission Test (MCAT)
- college grades including undergraduate, graduate and post-baccalaureate

Technical Standards for Admission

Qualification for admission to, and graduation from, the Medical College of Georgia School of Medicine requires:

1. Sufficient intellectual capacity to fulfill the curricular requirements of the various basic medical science and clinical science departments;
2. Ability to effect multi-modal communication with patients, colleagues, instructors and other members of the health care community;
3. Physical ability to learn and implement the various technical skills required by the faculty to facilitate preparation for the independent practice of medicine; and
4. Sufficient emotional stability to withstand the stress, uncertainties and changing circumstances that characterize the practice of medicine.

Detailed technical standards have been developed by the School of Medicine for use in evaluating prospective students. These standards are admission guidelines and are subject to continuing revision and improvement.

General Academic Requirements

Preference is given to applicants who will have completed the baccalaureate degree in an accredited* college prior to entering the MCG School of Medicine. The minimum requirement is 90 semester hours or 135 quarter hours. A limited number of highly competitive non-degree applicants may be accepted each year. The non-degree college curriculum, in both quality and quantity, must be acceptable as the equivalent of the first three years leading to the bachelor of science or art in an accredited* college of arts and sciences. Applicants enrolled in a graduate-degree program are expected to complete all requirements of their graduate degree prior to enrolling in medical school.

Required Courses

An applicant may major in the discipline of his/her choice; however, all applicants must complete the following:

BIOLOGY

One academic year** of general biology or zoology (with lab).

CHEMISTRY

(a) One academic year of general/inorganic chemistry (with lab).

(b) One academic year of advanced chemistry, two quarters or one semester of which must be organic chemistry with lab. The other quarter or semester may be fulfilled by any advanced chemistry course (lab not necessary). Biochemistry is strongly recommended.

PHYSICS

One academic year of physics (with lab).

ENGLISH

One academic year of English or whatever portion in the academic year is required for the baccalaureate degree in an accredited college or university.

All required courses should be taken on a graduated grading scale (e.g., A,B,C,D,F) when possible. A pass/fail type system should not be used.

* Accredited by the appropriate regional agency for colleges and schools, i.e., the equivalent of the Southern Association of Colleges and Schools.

** One academic year equals three quarters, two semesters, or one semester and two quarters.

MCAT Requirements

Every applicant must take the Medical College Admission Test, preferably in the spring before submitting an application but no later than summer 2003. The test is given twice yearly at most senior colleges. The deadline for registering to take the Summer 2003 MCAT is July 12, 2003, and the testing date is August 16, 2003. All applicants must have taken the MCAT no earlier than April 2001 and no later than August 2003. Early Decision program applicants must take the MCAT prior to making application.



Applications and information may be obtained from: MCAT Program Office, 2255 North Dubuque Road, PO Box 4056, Iowa City, IA 52243-4056; 319-337-1357.

Interviews

Interviews are by invitation only. These interviews are with members of the School of Medicine Admissions Committee and other School of Medicine faculty who help assess the applicant's personality, motivation and ability to make adjustments necessary for the successful study of medicine. The interviews are considered an important part of the application.

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November 19, 2003

[Curriculum](#)[Admissions Information](#)[Admissions Requirements](#)[Employment Opportunities](#)[Multicultural Affairs](#)[Financial Information](#)[Housing/Food Service Information](#)

School of Medicine Admissions Bulletin 2004

Employment Opportunities

Many physicians are self-employed, although an increasing number are accepting salaried positions with health care organizations and institutional positions in such areas as military services, public health services, medical schools, hospitals and industry.

Salaries of first-, second- and third-year residents at the Medical College of Georgia as of July 1, 2003 are as follows:

First year	\$37,461
Second year	\$38,418
Third year	\$39,505
Fourth year	\$41,258
Fifth year	\$42,849
Sixth year	\$44,792
Seventh year	\$45,745

The average income of practicing physicians who have completed a residency program is around \$150,000. For physicians employed by institutions such as medical schools, salaries are somewhat lower.

[School of Medicine](#) | [Medical College of Georgia](#)

[Curriculum](#)

[Admissions Information](#)

[Admissions Requirements](#)

[Employment
Opportunities](#)

[Multicultural Affairs](#)

[Financial Information](#)

[Housing/Food Service
Information](#)

School of Medicine Admissions Bulletin 2004

Multicultural Affairs

Special Academic Programs

The [Office of Special Academic Programs](#) serves as the office of multicultural affairs in the School of Medicine and plays a key role in student recruitment and retention. For further information about the Office of Special Academic Programs of the School of Medicine, please contact R. Allen-Noble, Ed.D., Associate Dean, Special Academic Programs, School of Medicine, (CB-1801), Medical College of Georgia, Augusta, GA 30912-1900; 706-721-2522/Fax 706-721-8203, e-mail:

sclmed.rnoble@mcg.edu, or at
www.mcg.edu/careers/



Office of Student Diversity

For further information about the Office of Student Diversity for the institution, please contact Beverly Y.M. Tarver, Director of Student Diversity, Medical College of Georgia, Student Center (DA-237), Augusta, GA 30912-7303; 706-721-2821/Fax 706-721-2134, email: btarver@mcg.edu

[School of Medicine](#) | [Medical College of Georgia](#)

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November 19, 2003



[Curriculum](#)

[Admissions Information](#)

[Admissions Requirements](#)

[Employment Opportunities](#)

[Multicultural Affairs](#)

[Financial Information](#)

[Housing/Food Service Information](#)

Additional Information:

[About MCG](#)

[Institutional Mission](#)

[Campus Community](#)

School of Medicine Admissions Bulletin 2004

Financial Information

Estimated Academic Expenses

Estimated Annual Student Expenses per Academic Year				
	First Year	Second Year	Third Year	Fourth Year
Tuition (resident)	\$9,772	\$14,658	\$14,658	\$9,772
(non-resident)	29,976	44,964	44,964	29,976
Fees	486	676	676	486
Health Care Fee	100	150	150	150
Books and supplies	1,129	794	760	401
Uniforms	53	53	53	53
Instruments	729	0	0	0
Classnotes/Printouts	360	360	0	0
Replacement/Breakage	53	54	65	64
Microscope Rental*	60	0	0	0
Prof. Liability Insurance	0	0	0	0
Hepatitis Injection	90	0	0	0
National Boards/Practice	0	385	385	0
Note-taking service	225	200	0	0
Disability insurance	137	137	137	137
Graduation fee	0	0	0	55
Rotation Travel	50	50	250	250
Loan Fees	550	825	825	550
Totals:	_____	_____	_____	_____
Resident	\$13,794	\$18,342	\$17,959	\$11,918
Non-resident	\$33,998	\$48,648	\$48,265	\$32,122

*Cost estimate based on microscope rental plan offered by the School of Medicine.

NOTE: Ten full-time tuition payments are required for the

prescribed four-year curriculum. All ten payments are required even if you finish at an accelerated pace. Additional tuition will be assessed if courses are repeated or remediated. All tuition and fees are due and payable upon registration and subject to change without notice.

Estimated Other Expenses-Monthly Allowances			
	On-Campus	Off-Campus	Commuter
Rent	\$315	\$315	0
Utilities	100	100	0
Food	500	500	500
Telephone/ISP	30	30	20
Personal/Medical	180	180	180
Health Insurance	105	105	105
Transportation	250	250	250
	_____	_____	_____
Monthly Totals	\$1,480	\$1,480	\$1,035

Policy on Student Health Insurance

MCG is committed to the policy that all students should have adequate health care. Therefore, all students who are enrolled in full-time degree or certificate programs must carry comprehensive health protection meeting the specific minimum benefit standards listed below. To satisfy this requirement, students may obtain coverage through the MCG recommended student group plan or maintain equivalent health care insurance through an alternative plan. Annual certification of health insurance coverage is required.

The minimum benefit standards (set forth by the Student Service Committee) include:

- major medical coverage of at least \$1,000,000
- hospitalization and surgery benefits
- outpatient ambulatory benefits
- mental health benefits (minimum of 50% reimbursement)
- substance abuse coverage
- out-of-pocket loss maximum of \$2,000 per year plus deductible

Financial Aid

The Medical College of Georgia Office of Student Financial Aid assists students in financial planning for meeting educational expenses. Financial assistance includes loans, scholarships and part-time

employment. Non-federal scholarships administered by the Medical College of Georgia are awarded by the School of Medicine Scholarship Committee. The Scholarship Committee meets from January to August to select recipients from all four years of study.

Financial aid application materials are distributed electronically via the internet at www.mcg.edu/students/finaid/. We encourage students to apply for financial aid as soon as possible after January 1 and to complete the process by March 31. Prospective students may apply for financial aid before acceptance into the School of Medicine.

For more information, contact the Office of Student Financial Aid, 1120 15th Street, (AA-2013), Augusta, GA 30912-7320. Our telephone number is (706) 721-4901. Financial aid staff are available to assist you from 8am until 5 pm, Monday through Friday. You can also reach us by email at osfa@mcg.edu. Additional information is available at our web site, www.mcg.edu/students/finaid/.

Refund Policy

Students who withdraw from all courses before completing 60% of the semester are entitled to a refund of a portion of tuition, mandatory fees and institutional charges. The refund amount is based on a pro rata percentage determined by dividing the number of calendar days remaining in the semester. Students who drop individual courses are not entitled to a refund for the course(s) dropped; only students who withdraw from the institution in keeping with official withdrawal procedures established by the Office of the Registrar are eligible for refunds.

The number of calendar days remaining in the semester is the number of days from the student's official withdrawal date through the last day of scheduled exams. The total number of calendar days in the semester include weekends and exam periods.

Calculations exclude scheduled breaks of five or more calendar days and days that a student was on approved leave of absence defined by the federal regulations for the return of Title IV student aid funds.

Institutional charges are defined in the Higher Education Act of 1965 as amended. Institutional charges include tuition, activity fee, student health fee, on-campus housing, student fitness center fee, technology fee, microscope rental and any other equipment rental fee paid directly to a vendor on behalf of the student are not considered institutional charges and are not included in refund calculations.

Students enrolled in Phase III of the School of Medicine curriculum are enrolled in a program of study defined by federal aid regulations as a modular curriculum. An individual clinical rotation, regardless of length, is considered module. Students enrolled in modular curriculum who complete one or more modules during a semester are not entitled to a refund. In addition, students completing 60% or more of the total educational activities for the modules for which the student was registered at the beginning of the semester will not receive a refund.

A refund of all nonresident fees, matriculation fees, and other mandatory fees shall be made in the event of a death of a student at any time during the semester.

Full refunds of tuition and mandatory fees and pro rata refunds of elective fees will be given to students who are:

1. Military reservists (including members of the National Guard) and who receive emergency orders to active duty after having enrolled in a University System institution and paid tuition and fees.
2. Active duty military personnel who receive an emergency reassignment after having enrolled in a University System institution and paid tuition and fees.
3. Otherwise unusually and detrimentally affected by the emergency activation of members of the reserve components or the emergency deployment of active duty personnel of the Armed Forces of the United States and who demonstrate a need for exceptional equitable relief.

Refunds to students receiving student financial aid will be coordinated with the Return of Title IV Funds regulations of the Higher Education Act of 1965 as amended, state scholarships and grant regulations, and the regulations of the individual private scholarships and loans, as appropriate.

Acceptance Deposits

The Medical College of Georgia School of Medicine requires a \$100 acceptance deposit from accepted applicants. This deposit will be credited toward first-semester matriculation fees. The deadline for refund of the \$100 deposit is May 15th. Accepted applicants who inform us they will not enroll after May 15th will forfeit their acceptance deposit.

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February 03, 2004

[Curriculum](#)

[Admissions Information](#)

[Admissions Requirements](#)

[Employment
Opportunities](#)

[Multicultural Affairs](#)

[Financial Information](#)

[Housing/Food Service
Information](#)

School of Medicine Admissions Bulletin 2004

Housing Information

[On-Campus Housing](#)

Students accepted for admission will receive housing information and applications. Completion of this form starts the application process for on-campus housing at the Medical College of Georgia after acceptance.

All MCG residence halls are located within easy walking distance of other campus facilities.

Questions concerning housing should be submitted to: Housing Office, Student Center, Medical College of Georgia, Augusta, GA 30912-7304, 706-721-3471.

Off-Campus Housing

Accepted students interested in off-campus housing may contact the Off-Campus Housing Office, Student Center, Medical College of Georgia, Augusta, GA 30912 for assistance. The office will send each interested person information on rental property in the Augusta area, including apartments. In addition, visitors to the office can use the information file in the office which lists rooms, apartments, houses and other property for rent or sale. (All landlords listing their property with the college verify that they will rent the property to any student without regard to race, color, creed or national origin. MCG listings also comply with HEW requirements pertaining to non-discrimination by sex or handicap.)

The off-campus housing service exists only to make students aware of available rental property. Any rental agreement must be negotiated by the student. The University assumes no obligation, expressed or implied, for collecting rentals, housekeeping of student tenants or destruction or depreciation of property involved in off-campus housing of students.

Food Service Information

There are two complete food service facilities on campus. Each facility

is located for convenient use by as many students as possible.

The Student Center Cafeteria, on the first floor of the Student Center, offers meal service at breakfast (7:30-9:30) and lunch (11:00-1:30) Monday through Friday. This facility offers both a cafeteria line with entrees, vegetables, salads and desserts and a self-service food area featuring a salad bar, potato bar, sandwich bar and a specialty bar.

The Terrace Dining Room, located on the second floor of the MCG Hospital is open from 7 a.m. to 3 p.m. Monday through Friday and provides a variety of food service areas, including a self-service salad and fruit bar, fresh ready-made salads, fruits and desserts and full breakfast, lunch and dinner service with a choice of three entrees at each meal. In addition, there are hot sandwiches, charbroiled burgers and fries, a deli for creating cold sandwiches and a specialty bar featuring baked potatoes and ethnic foods.

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Catalog 2003-2004

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Promotion and Graduation

Promotion of students from one year to the next depends on the satisfactory completion of each year's work. Promotions are considered on the basis of recommendations by the individual instructors, on department evaluations and on students' total records, including performance on Steps 1 and 2 of the United States Medical Licensing Examinations. Students must pass Step 1 to take the third-year clerkships and Step 2 to graduate.

Non-Academic Exclusion

Any student may be denied permission to continue enrollment in the School of Medicine if, in the opinion of the faculty, the student's knowledge, character or mental or physical fitness cast grave doubts upon his/her potential capacities as a physician.

Classification of Students

In the School of Medicine, students are classified as Phase I (first year), Phase II (second year) and Phase III (third or fourth year).

Promotions Committee Policies and Procedures

This material is described in full detail in the publication titled Promotions Committee Policies and Procedures. A copy is provided to each student and faculty member.

I. Standards of Academic Performance

- A. To be promoted or graduated, a student must satisfactorily complete every required course.

B. Interpretation of Grades

A	Outstanding--Superior performance
B	Good--Commendable performance; work of good quality.
C	Satisfactory; acceptable performance.
D	Unsatisfactory; a grade that indicates the student has not met the standards of performance in this area.
F	Failing
I	Incomplete. This indicates that a student was doing satisfactory work but for non-academic reasons beyond his control was unable to meet the full requirements of the course.

II. Remedial Work for Academically Deficient Students

A. Upon review of the student's academic performance and mitigating circumstances, the Promotions Committee shall recommend for an academically deficient student :

1. Performance of remedial work;
2. Repeating of some or all of the courses of the year;
3. Dismissal;
4. Recommendations to undertake remedial work or repeat courses will be made by the appropriate promotions subcommittee directly to the dean;
5. Recommendations for dismissal will be made by the full Promotions Committee as outlined in III.

B. Remedial work taken as the result of unsatisfactory performance (a grade of D) shall be stipulated by the department(s) involved. This may include, but is not limited to: 1) independent study, 2) retaking of examinations and 3) remedial courses. In any event, remedial work must not interfere with other courses.

III. Recommendations for Dismissal

The academic performance of each student shall be evaluated continually by the appropriate subcommittee. A student may be recommended for dismissal for sufficient cause. Guidelines for dismissal and the dismissal procedures of the promotions committee are outlined in detail in the current Promotions Committee Handbook.

IV. U.S. Medical Licensing Examination, Step 1 and 2

Students shall take Steps 1 and 2 of the United States Medical Licensing Examination and pass them at the national level as a candidate.

V. Graduation

A. Application and Effective Dates

A student who completes all requirements may apply for graduation monthly. Application must be made four months in advance of the proposed date of graduation. The monthly dates, which will appear on the diploma, will correspond to the last day of the corresponding fourth-year rotations as published in the MCG catalog. The annual formal graduation is held in May at the end of the academic year, this May date appearing on the diploma of students graduating at the end of the Spring semester.

B. Promotions Committee Procedure

The Promotions Committee procedure for monthly graduation will be the same as that described under Promotions Committee Policy IIC.3 for the end of the academic year. The meetings of the subcommittee to consider students for graduation will be held as soon as practical after completion of the student's final rotation and receipt of the grades in the registrar's office.

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May 23, 2002

Medical College of Georgia

Graduate Medical Education (GME)

[A-Z Index](#) | [MCG Home](#) | [Site Search](#)



[ACGME](#)



[International
Medical Graduates](#)



[Medical Licensure
Information](#)



[Physician Practice
Opportunities](#)



[WebCT Login
Information](#)

[Special GME Events](#)

Contact Information:

GME Office, AE-3042
Medical College of GA
1120 15th Street
Augusta, GA 30912
706 721-3052

[Statement of Commitment](#)

Directories and Maps

- ▶ [Institutional Faculty List
Online](#)
- ▶ [About MCG](#)
- ▶ [Augusta Map and
Driving Directions](#)
- ▶ [Campus Map](#) and
[Virtual Campus Tour](#)
- ▶ [About Augusta,
Georgia](#)
- ▶ [Augusta Community
Links](#)

Additional Information:

General Information

- ▶ [Residency Programs](#)
- ▶ [Housestaff By-Laws](#)
- ▶ [Housestaff Malpractice Insurance](#) (1 page PDF file)
- ▶ Policies & Procedures: [Housestaff](#) | [MCG Administrative](#) | [MCGHI
Policies](#)
- ▶ [Benefit Plan Summary](#) (17 page PDF file)
- ▶ [General Residency Information](#)
- ▶ [National Resident Matching Program \(NRMP\)](#)
- ▶ [ERAS, Electronic Residency Application Service](#)
- ▶ [DEA Office](#) and [DEA On-Line Forms and Applications
Information and Forms](#)
- ▶ [Housestaff Manual](#)
- ▶ [Application for Graduate Medical Education](#)
(3 page PDF file)
- ▶ [Graduate Medical Education Directory \(AMA Web Site\)](#)

Useful WWW Resources

- ▶ [Multi-language Translation Site](#)
- ▶ [World Clock](#) (find out the time of any city in the world)

▶ [MCG ExpressCard](#)
▶ [International and
Postdoctoral Services
Office](#)

▶ [Maps, Geography, and Flags of the World](#)
(plus other useful information on countries)
▶ [Currency Converter](#)

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[Correspondence](#)

[Dental](#)

[Disaster Medicine](#)

[Grand Rounds](#)

[Online/Internet-Based](#)

[Medical](#)

[Nursing](#)

[Policies and Procedures](#)

[Privacy Statement](#)

[Registration Forms](#)

[Special Events](#)

Contact Us:

(706) 721-3967

(800) 221-6437

Fax: (706) 721-4642

squick@mcg.edu

**Continuing Medical Education
Medical College of Georgia
2003-2004**

**Course titles in bold link to an online brochure
and secure registration site.**

- [Current Views in Allergy and Immunology, 2003-2004](#)
July 2003 -June 2004
Correspondence course
- [Physician's Guide to Practice Management](#)
Correspondence Course

2004

- [28th Annual Ophthalmology Update](#)
June 4-5, 2004
Radisson Riverfront Hotel, Augusta, GA
- [Daily Anesthetic Challenges](#)
June 10-13, 2004
Kiawah Island Resort, Kiawah Island, SC
- [35th Annual Internal Medicine Symposium](#)
June 27-July 3, 2004
Cloister/Sea Island, GA
- [8th Annual Transcranial Doppler in Children with Sickle Cell Disease](#)
July 8-10, 2004
Kiawah Island Resort, Kiawah Island, SC
- [24th Annual Obstetrics and Gynecology \(OB/GYN\)](#)
July 12-15, 2004
The Cloister, Sea Island, GA
- [27th Annual Pediatric Update](#)
July 19-22, 2004
Kiawah Island Resort, Kiawah Island, SC
- [15th Annual Neurology for the Non-Neurologist](#)

July 22-25, 2004
The Cloister, Sea Island, GA

- [9th Annual Medical and Surgical Approaches to GI Disorders](#)
July 26-30, 2004
The Cloister, Sea Island, GA
- [26th Annual Critical Care Medicine](#)
August 2-7, 2004
The Cloister, Sea Island, GA
- [14th Annual Sleep Disorders](#)
August 11-15, 2004
The Cloister, Sea Island, GA
- [Neonatology: The Sick Newborn](#)
September 29-Oct. 1, 2004
Hyatt Regency Hotel, Savannah, GA
- [Botulinum Toxin Treatment of Neurological Disorders](#)
October 2004
MCG, Augusta, GA
- [2nd Annual Masters of Otolaryngology](#)
Advances in Rhinology-Sinus Surgery
October 7-10, 2004
MCG, Augusta, GA
- [Mini-Medical School, Fall Semester, 2004](#)
October 12, 19, 26, Nov. 2, 9, 16
Augusta, GA
- [11th Annual Primary Care Issues in Endocrine, Renal and Metabolic Disease](#)
October 21-24, 2004
Brasstown Valley Resort, Young Harris, GA
- [PALS \(Pediatric Advanced Life Support\) Instructor Course](#)
October 27-29, 2004
Medical College of Georgia, Augusta, GA
- [PALS \(Pediatric Advanced Life Support\) Provider Course](#)
October 28-29, 2004
Medical College of Georgia, Augusta, Georgia
- [Epilepsy Challenges: Understanding and Treating Seizure Disorders](#)
Fall 2004
Location to be determined

Do you want to conveniently learn about future continuing educational activities? Visit the [Additional Information page](#).

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- [Alphabetical List](#)
- [Emeritus List](#)
- [Senior Administration](#)
- [Directors](#)
- [Schools](#)
- [Administrative Units](#)
- [Special Professorships](#)
- [Search for Faculty](#)
- [Update Your Record](#)
- [Help](#)

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Administration

Dean Medicine

[Dr. David M. Stern](#)

Vice Dean Academic Affairs

[Dr. Ruth-Marie E. Fincher](#)

Vice Dean Clinical Affairs

[Dr. Ralph J. Caruana](#)

Vice Dean Clinical Research

[Dr. Anthony L. Mulloy](#)

Vice Dean Primary Care and Community Affairs

[Dr. Joseph Hobbs](#)

Associate Dean Admissions and Student Affairs

[Dr. Mason P. Thompson](#)

Associate Dean Curriculum

[Dr. T. Andrew Albritton](#)

Associate Dean Graduate Medical Education

[Dr. Walter J. Moore](#)

Associate Dean Graduate Studies

[Dr. Gretchen B. Caughman](#)

Associate Dean Special Academic Programs

[Dr. Rosie Allen-Noble](#)

Associate Dean Veterans Affairs Medical Center

[Dr. Thomas W. Kiernan](#)

Assistant Dean Clinical Affairs (Georgia Baptist Medical Center)

[Dr. Steven L. Saltzman](#)

Assistant Dean Pharmacy Programs

[Dr. Joseph T. DiPiro](#)

Faculty

[All](#)

[Primary Rank](#)

[Clinical/Adjunct](#)

[Administrative](#)

[Joint Rank](#)

[Emeritus](#)

Departments

Administration
Anesthesiology and Perioperative Medicine
Biochemistry and Molecular Biology
Cellular Biology and Anatomy
Emergency Medicine
Family Medicine
Medicine
Neurology
Neurosurgery
Obstetrics and Gynecology
Ophthalmology
Orthopaedic Surgery
Otolaryngology
Pathology
Pediatrics
Pharmacology and Toxicology
Physiology
Psychiatry and Health Behavior
Radiology
Surgery

Medical College of Georgia

[Catalog](#) | [A-Z Index](#) | [MCG Home](#)

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

School of Nursing

- [School of Nursing Home Page](#)
- [Admission Requirements](#)
- [Technical Standards for Admissions and Retention](#)
- [Transfer Credit Information](#)
- [Estimated Fees and Expenses](#)
- [Curriculum](#)
- [Academic Policies](#)
- [Course Descriptions](#)
- [School of Nursing Faculty](#)

[Catalog 2003-2004](#) | [Medical College of Georgia](#)

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October 23, 2003

Catalog 2003-2004

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Technical Standards for Admission to and Retention in the Undergraduate Program

A candidate for the B.S.N. degree must have four varieties of abilities and skills: observation, communication, motor and behavioral. Reasonable accommodations may be made for some disabilities. However, a candidate is expected to perform reasonably independently.

1. *Observation:* A candidate must be able to observe a patient/client accurately. Examples of observation include listening to heart and breath sounds, visualizing the appearance of a surgical wound, detecting the presence of a foul odor and palpating an abdomen.
2. *Communication:* A candidate must be able to communicate effectively with patients/clients and other members of the health-care team. He must be able to interact with patients/clients and other members of the health-care team to obtain information, describe patient situations and perceive non-verbal communication.
3. *Motor:* A candidate must have adequate motor function to effectively work with nursing problems and issues and carry out related nursing care. Examples of nursing care include ambulating and positioning patients; cardiopulmonary resuscitation; administering intravenous, intramuscular, subcutaneous and oral medications; applying pressure to stop bleeding; opening an obstructed airway; and patient/client daily hygiene care.
4. *Behavioral:* A candidate must have the emotional health required to maximize his/her intellectual abilities. Candidates must be able to tolerate physically taxing work loads and to function effectively during stressful situations. He/she must be able to adapt to ever-changing environments, displaying flexibility, interaction

skills and ability to function in the case of uncertainty that is inherent in a clinical situation involving patients/clients.

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Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

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[Faculty](#)

Transfer Credit

The institutional [transfer credit policy](#) provides the guidance for all transfer credit decisions for the School of Nursing.

Transfer Information for R.N Applicants

Registered nurses, graduating from an N.L.N. accredited associate degree nursing program or diploma nursing program and having a Georgia license, may be eligible to transfer into the RN/BSN program offered on the Augusta campus, Athens campus and Gordon College (Barnesville, Ga.) in the fall semester. Prior to enrolling, RN students must complete the 60 semester hours of required [core curriculum](#) with a 3.0 transfer G.P.A. Upon successful completion of 15 semester hours of MCG nursing courses fall semester, 30 semester hours of equivalent credit for previous nursing will be awarded.

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Catalog 2003-2004

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Additional Links:

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[Library](#)

[Faculty](#)

Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, estimated expenses specific to nursing are shown below. These figures are based upon the normal experience of our students. In some cases, costs may be higher.

Estimated additional expenses and fees for nursing students include: books and supplies--\$300 to \$600 per academic year; uniforms--junior year, \$135 and senior year, \$45; other expenses, e.g. (National Board fees, equipment, professional insurance, etc.)--junior year, \$85, senior year, \$180.

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Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)[Library](#)[Faculty](#)

Bachelor of Science in Nursing Curriculum

Two-Year Transfer Program

The baccalaureate curriculum plan specifies required courses and sequence in each of the years of the B.S.N. program. Students transfer in after [two years of general preparatory work](#) elsewhere. **Students are accepted at the junior level only.** A minimum of 30 semester hours of nursing course work must be earned in residence. The curriculum focuses on the knowledge and practice of nursing and draws on relevant arts, sciences and the humanities.

All undergraduate nursing students will take the courses listed below plus six credit hours of electives, in addition to the general education core requirements, to complete B.S.N. degree requirements. The nursing courses are taken in sequence beginning the junior year. In the junior and senior years, students will concentrate study in nursing theory and practice and continue study in general education. **Students must complete their core curriculum courses prior to beginning their senior year in nursing.**

[Curriculum Schema for Two-Year Transfer Program](#)

RN to BSN Program

The MCG School of Nursing proudly offers our RN-BSN program for Registered Nurses who are seeking their Bachelor of Science in Nursing degree. This degree completion program offers flexibility and accessibility for the RN student through online courses. The utilization of distance learning technology and online courses enable the RN students to complete the program and rarely leave their home communities. The few on-campus classes and lab experiences are offered one day a week on our Augusta and Athens campuses and our satellite campus on

Gordon College in Barnesville, Georgia.

[Curriculum for RN to BSN program](#)

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October 07, 2003

Bachelor of Science[Entry into Practice](#)[RN to BSN](#)[Information for Incoming Nursing Students](#)[SON Undergraduate Student Handbook](#)

(36 page PDF file)

Additional MCG Links[Academic Admissions](#)[Catalog](#)[Housing](#)[Registrar Office](#)[Tuition and Fees](#)[Student Financial Aid](#)

Undergraduate Study in Nursing

Nursing is one of the oldest and best-known health professions. One of the most exciting aspects of nursing is the variety of career opportunities available. The registered nurse gives and supervises bedside nursing care, provides education and support for patients and their families, teaches nursing personnel, assists in operations, plans community health services and administers programs inside and outside of a hospital or institutional setting. Students in this field must have the ability to make rational decisions, use good judgment, organize and plan, have good physical and mental stamina, work well with people and be empathetic.



The Medical College of Georgia offers a bachelor of science in nursing (B.S.N.) program that can be obtained in two different ways. The Entry-into-Practice B.S.N. program is for undergraduate students seeking transfer admission after completing two years of pre-nursing core curriculum courses at another college. All students at the MCG SON-Athens campus, located near the University of Georgia and the MCG Augusta campus begin our program as juniors with orientation and classes beginning in June. B.S.N. graduates are eligible to take state licensure exams to become registered nurses who are able to work in a variety of specialty areas and environments.

MCG also offers an R.N.-B.S.N. completion program for registered nurses that can be completed in just two full time semesters. This innovative, on-line program is designed for Diploma or Associate Degree RN's who wish to continue their professional education. It is offered on MCG's Augusta, Athens, Barnesville and Columbus campuses.

[Prospective Students](#) | [Campuses](#) | [Current Students](#) | [Programs](#)
[Continuing Education](#) | [Faculty and Prospective Faculty](#) | [Resources](#)
[Ongoing Initiatives](#) | [Spotlight](#) | [Events Calendar](#) | [Consumer Info](#)
[School of Nursing](#) | [Medical College of Georgia](#)

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Tony Wright, towright@mcg.edu

For Information about:

Undergraduate BSN Programs contact underadm@mcg.edu:

Graduate Programs contact specific program coordinators

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Catalog 2003-2004

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Academic Eligibility and Progression Standards

Students in the baccalaureate nursing program must attain a cumulative GPA of 2.0 in all residence work to enter the senior year. A grade of "C" or better is required in all undergraduate nursing courses (designated NUR). In order to progress, students must achieve a minimum of "C" in each course identified as prerequisite.

Student earnings grades of "D", "F" or "WF" in a single nursing course may repeat the course one time. Students earning grades of "D", "F" or "WF" the second time the course is taken, will be academically dismissed. Upon notification of any grade of "D", "F", or "WF", the student is required to meet with the Associate Dean, Undergraduate Program, for academic advisement. A letter from the Associate Dean addressing progression in the nursing program must be signed by the student.

Students may repeat no more than one nursing course during one enrollment at the Medical College of Georgia School of Nursing. At the time of the second failure, in a nursing course, the student is academically dismissed. A student may apply for readmission one year following dismissal, in accordance with standard application procedures.

University System and Legislative Examination Requirements

All undergraduate students are required to meet Board of Regents and legislative examination requirements. These exams include the [Regents Testing Program Examination](#), and the examinations of the Georgia Constitution and history and the U.S. Constitution and history. CLEP exams do not meet these requirements.

Dean's List and Honors

Qualifying undergraduate students may be designated for Dean's List and/or graduation with honors. Qualifications are stated in the MCG General Information section of this catalog.

B.S.N. Graduation Requirements

In addition to the undergraduate graduation requirements, the following requirements have been established for the B.S.N. degree:

1. A grade of C or better for all undergraduate courses designated as NUR.
2. A MCG cumulative grade point average of 2.0 for all courses in residence.
3. Completion of at least 30 semester hours in residence.

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May 23, 2002



- [Alphabetical List](#)
- [Emeritus List](#)
- [Senior Administration](#)
- [Directors](#)
- [Schools](#)
- [Administrative Units](#)
- [Special Professorships](#)
- [Search for Faculty](#)
- [Update Your Record](#)
- [Help](#)

School of Nursing

Administration

Dean Nursing

Dr. Katherine E. Nugent
(Interim)

Vice Dean

Dr. Linda A. Ellis (Interim)

Associate Dean Faculty Practice and
Community Programs

Vacant

Assistant Dean Student Affairs

Dr. Melissa M. Frank-Alston

Associate Dean Clinical Activities

Ms. Angela Lambert

Faculty

All

Primary Rank

Clinical/Adjunct

Administrative

Joint Rank

Emeritus

Departments

Administration

Advanced Practice Nursing

Nursing Anesthesia

Nursing Science

Undergraduate Studies

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Occupational Therapy

- [Occupational Therapy Home Page](#)
- [Admission Requirements](#)
- [Estimated Fees and Expenses](#)
- [Master of Health Sciences Curriculum](#)
- [Academic Policies](#)
- [Master of Health Education and Master of Science](#)
- [Course Descriptions](#)

[Catalog 2003-2004](#) | [Medical College of Georgia](#)

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April 07, 2004

[Welcome from the Chair](#)

[OT Programs](#)

[Master of Health Science](#)
[Master of Health Education](#)
[Master of Science Degree
Program](#)

[Center for the Study of
Occupational Therapy Education](#)

[Admissions](#)

[Application for Admission](#)
[Tuition/Fees](#)

[Technical Standards](#)

[Faculty](#)

[Accreditation](#)

[Professional Links of Interest](#)

[Program Competencies](#)

Occupational Therapy

Occupational therapy (OT) is an allied health profession that contributes to the function and performance of the individual after illness or an injury. The OT promotes independence and to promotion wellness and adaptation by using meaningful functional tasks. A few examples of OT services include:

1. Training a paralyzed homemaker to clean house and cook.
2. Working with an emotionally disturbed young adult to develop daily living skills, e.g., balancing a checkbook, cooking, shopping, and basic work habits.
3. Working with a group of school children with learning problems.
4. Teaching an older adult who has sustained a stroke to dress and bathe using adaptive techniques.
5. Helping injured workers to perform work related tasks safely.



Skills and Interests Suited to a Career in Occupational Therapy

An ability to work with impaired and disabled people, manual skills, maturity, patience, and imagination are needed. The occupational therapist also needs to be skilled and resourceful in teaching, since patients have learning problems. The profession presents an excellent opportunity

to help people learn to function to the maximum of their ability.



Employment and Career Opportunities

Occupational therapists are employed in hospitals, outpatient clinics, rehabilitation centers, long-term care setting, mental retardation and mental health facilities, public school systems, home health agencies, community programs, industry, and private practice.

[School of Allied Health Sciences](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Kathy P. Bradley, Ed.D, ORT/L, studyot@mail.mcg.edu

March 10, 2004

Catalog 2003-2004

[Course Descriptions](#)**Additional Links:**[Research](#)[Library](#)[Faculty](#)

Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, estimated expenses specific to occupational therapy are shown below. These figures are based upon the normal experience of our students. In some cases, costs may be higher.

	First Year	Second Year
Books and supplies	\$ 600	\$ 600
Instruments/equipment	130	130
Uniforms	50	50
Liability insurance	15	15
Other (travel, graduation, etc.)	600	1,500*
Total	\$1,395	\$2,295

*May be higher depending on fieldwork placement

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May 27, 2002

Catalog 2003-2004

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Additional Links:

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M.H.S. Curriculum

Effective Fall 2003

First Year

Fall

	Credit Hours
OCC 3103 Professional Foundations and Occupational Therapy	3
OCC 3304 Applied Pathophysiology for the Rehabilitation Professional	3
OCC 3404 Development of Lifespan Occupations	4
AHS 3502 Evidenced Based Practice	2
OCC 4253 Clinical Conditions	3
Semester Total	15

Spring

OCC 4103 Clinical Reasoning in Occupational Therapy	3
OCC 4204 Applied Kinesiology	4
AHS 3703 Neuroanatomical Basis of Cognition & Emotion	3
OCC 4313 Mental Health Programming	3
OCC 4603 Assistive Technology & Therapeutic Adaptations	3
Semester Total	16

Summer

AMN 6500 Musculoskeletal Anatomy	4
AHS 6502 Research Process	2
OCC 4344 Adult Models of Practice	3
OCC 4753 Movement Analysis	3
Semester Total	12

Second Year

Fall

ITD 7003 Applied Neuroscience	3
OCC 6206 Adult Evaluation and Intervention	6
OCC 6404 Pediatric Evaluation & Intervention	4

	Semester Total	13
Spring		
AHS 6522	Project Development	2
	OR	
AHS 6532	Research Investigation	2
OCC 6693	Worker Role & Ergonomics	3
OCC 6704	Professional Issues & Service Management	4
OCC 6853	Schools System Practice	3
	Semester Total	12
Summer		
OCC 7009	Fieldwork Experience A (May-July)	9
	Elective Options from Graduate Track (variable credits)	2-4
	Semester Total	11-13
Third Year		
Fall		
OCC 7109	Fieldwork Experience B (mid-September to mid-December)	9
	Elective Options from Graduate Track (variable credits)	2-4
AHS 7541	Data/Outcome Analysis	1
	Semester Total	12-14
Spring		
AHS 7523	Research Project	3
	OR	
AHS7533	Research Thesis	3
OCC 7303	Contemporary Practice	3
	Elective Options from Graduate Track (variable credits)	0-4
	Semester Total	6-10
	PROGRAM TOTAL	97-105

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April 26, 2004

Catalog 2003-2004

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[Research](#)

[Library](#)

[Faculty](#)

Academic Continuation and Graduation

A student who earns less than a C in any course may be suspended. A student suspended for academic reasons may reapply following standard admission procedures.

Graduation requirements include completion of all required courses, successful completion of 24 weeks of Level II fieldwork experience, passing the Regents Examination, payment of all fees and completion of the departmental exit exam.

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May 23, 2002

Master of Nursing

- [Acute and Critical Care CNS](#)
- [Anesthesia](#)
- [Family Nurse Practitioner](#)
- [Pediatric Nurse Practitioner](#)
- RN to MN

[SON Graduate Student Handbook](#)

(30 page PDF file)

Master of Nursing Programs

The masters programs in nursing are offered through the [School of Graduate Studies](#). The programs are accredited by the [National League for Nursing Accrediting Commission](#) (NLNAC) and the [Southern Association of Colleges and Schools](#) (SACS) and approved by the [Commission on Collegiate Nursing Education](#).

The Medical College of Georgia Nursing Anesthesia Program is accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs. The focus of the master's programs in nursing is to prepare advance-practice nurses in providing healthcare to a variety of clients and families.



Following completion of the five core courses, students take clinically focused specialty courses. Specific programs may have unique requirements, so please contact the appropriate personnel for additional information.

1. NSG 7030: Delivery Systems and Models of Care (2)
2. NSG 7390: Pathophysiology for Advanced Practice Nurses (3)
3. NSG 7430: Pharmacology for Advanced Practice Nurses (3)
4. NSG 7440: Theory & Research in Advanced Nursing Practice (3)
5. NSG 7470: Advanced Health Assessment (2)

Admission Requirements

1. A bachelor of science in nursing degree from a nationally accredited program; an undergraduate G.P.A. of 3.0 or higher on a 4.0 scale.
2. Official transcripts of all post-secondary academic study.
3. Current professional nurse licensure in Georgia.
4. Completion of a course in either undergraduate or graduate statistics.
5. Completion of a course in either undergraduate or graduate health assessment.
6. A personal interview.

7. Three letters of recommendation.
8. Official report of Graduate Record Examination Aptitude Test results (scores must total 900 or higher and have been taken within 5 years of application). The total score is compiled by adding the Verbal and Quantitative scores.
9. One year of experience as a R.N. (for the Nursing Anesthesia Program this experience must be in a critical care area).
10. Applicants whose first language is not English must submit TOEFL scores; a minimum score of 600 is required for admission. Graduates of foreign nursing programs must have transcripts and application materials evaluated by the Commission on Graduates of Foreign Nursing Schools.

Additional Information

For a copy of the [MCG catalog](#) or an [application](#) please contact:

Graduate Admissions, gradadm@mail.mcg.edu
Office of Academic Admission
170 Kelly Building - Administration
Augusta, GA 30912
(706) 721-2725

For further information on graduate programs in nursing, please contact:

Stacy Lambe, slambe@mail.mcg.edu
Office of the Associate Dean
Graduate Programs and Research
School of Nursing
Medical College of Georgia
Augusta, Georgia 30912
(706) 721-9748

[Prospective Students](#) | [Campuses](#) | [Current Students](#) | [Programs](#)
[Continuing Education](#) | [Faculty and Prospective Faculty](#) | [Resources](#)
[Ongoing Initiatives](#) | [Spotlight](#) | [Events Calendar](#) | [Consumer Info](#)
[School of Nursing](#) | [Medical College of Georgia](#)

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Please email comments or suggestions to:

Tony Wright, towright@mcg.edu

For Information about:

Undergraduate BSN Programs contact underadm@mcg.edu:

Graduate Programs contact specific program coordinators

September 26, 2003

Helpful Campus Links

[MCG Catalog](#)

[Student Handbook](#)

[On Campus Housing](#)

[Tuition and Fees](#)

[Financial Aid](#)

[Library](#)

[Campus Map](#)

[Bookstore](#)

PhD Study in Nursing

For information regarding the MCG School of Nursing PhD program, please contact Dr Gerald Bennett, Director, Center for Nursing Research and Chair, Department of Nursing Science at gbennett@mcg.edu or 706-721-7056



[Prospective Students](#) | [Campuses](#) | [Current Students](#) | [Programs](#)
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Please email comments or suggestions to:

Tony Wright, towright@mcg.edu

For Information about:

Undergraduate BSN Programs contact underadm@mcg.edu:

Graduate Programs contact specific program coordinators

November 19, 2003



- ▶ [Master of Health Education](#)
- ▶ [Master of Science](#)
- ▶ [Application for Graduate School](#)
- ▶ [Educational Programs](#)

For more information on advanced course listings please visit our [PT, Graduate course description page](#).

MHE and MS Contact Information:

Douglas Keskula, PhD, PT, ATC
Associate Professor and
Chairman

Medical College of Georgia
Dept of Physical Therapy, CH-
100

Augusta, GA 30912-0800

Phone:(706)721-2141

Fax:(706)721-3209

email: dkeskula@mail.mcg.edu

Master of Health Education

This is an educational degree program for allied health professionals. The program is interdisciplinary and prepares individuals for careers as academic or clinical educators and more highly skilled practitioners.

The objectives are to prepare:

Educators with mastery of advanced content, and a grounding in the philosophy, theory and methods of higher education;

Teachers who demonstrate knowledge and understanding of the teaching-learning process and skill with a variety of instructional methods;

Designers and evaluators of alternative methods and materials for instruction; and

Leaders who can help plan, design and deliver quality professional education in the academic and clinical environments.

Requirements for Admission

1. A completed application demonstrating at least a baccalaureate degree from an accredited program in the allied health or related health discipline and professional credentials (or eligibility for) in the field.
2. Three letters of recommendation.
3. Graduate Record Examination scores of 1000 (combined verbal and quantitative).
4. The Test of English as a Foreign language (TOEFL) is required of all foreign applicants (excluding English speaking countries), minimum acceptable score is 600 paper-based or 250 computer-based.

5. Additional discipline-specific requirements may be stipulated by the individual program.

Graduation Requirements

Completion of a minimum of 36 semester hours with the following minimum requirements:

Education Core: 15 semester hours

Research Tools and Methods: 6 semester hours

Thesis Research or Project - 4 semester hours

Interdisciplinary/disciplinary Studies - 11 hours

Residence

A minimum of two consecutive semesters of full-time study or the equivalent in residence on the campus is required.

Program of Study

A course work proposal which has been approved by the advisory committee, the department chair and the dean.

Fulfillment of additional program requirements.

An overall grade point average of 2.8.

Note: For more information on advanced course listings please visit our [PT, Graduate](#) course description page.

How can I obtain more information about your program?

The Office of Academic Admissions regularly schedules [Closer Look Tours](#) of all departments, including physical therapy. The tours provide information and faculty interaction. For more admissions information, call (706) 721-2725 or (706) 721-2141 or visit [our web site](#).

[top](#)



- ▶ [Master of Health Education](#)
- ▶ [Master of Science](#)
- ▶ [Application for Graduate School](#)
- ▶ [Educational Programs](#)

For more information on advanced course listings please visit our [PT, Graduate course description page](#).

MHE and MS Contact Information:

Douglas Keskula, PhD, PT, ATC
Associate Professor and
Chairman

Medical College of Georgia
Dept of Physical Therapy, CH-
100

Augusta, GA 30912-0800

Phone:(706)721-2141

Fax:(706)721-3209

email: dkeskula@mail.mcg.edu

Master of Science

This is an interdisciplinary research degree program for allied health professionals. The program is interdisciplinary, research-oriented and requires the completion of a thesis.

Program Objectives

The objectives are to prepare:

Specialized clinical practitioners with advanced knowledge and skills in related basic and clinical sciences;

Researchers who can formulate questions, organize and test ideas and examine information from the basic and clinical sciences to apply to their disciplines;

Educators with mastery of advanced content, and a grounding in the philosophy, theory and methods of higher education; and

Leaders who can help plan, develop and deliver cost-effective, quality health care services.

Admission Requirements

1. A completed application demonstrating at least a baccalaureate degree from an accredited program in the allied health or related health discipline and professional credentials (or eligibility for) in the field.
2. Three letters of recommendation.
3. Graduate Record Examination scores of 1000 (combined verbal and quantitative). The Test of English as a Foreign language (TOEFL) is required of all foreign applicants (excluding English speaking countries), minimum acceptable score is 600 paper-based or 250 computer-based.
4. Additional discipline-specific requirements may be

stipulated by the discipline department.

Graduation Requirements

Completion of a minimum of 36 semester hours with the following minimum requirements:

Basic Science Core: 7 semester hours

Research Tools and Methods: 7 semester hours

Thesis Research - 4 semester hours

Interdisciplinary/disciplinary Studies: 18 semester hours.

Residence

A minimum of two consecutive semesters of full-time study or the equivalent in residence on the campus is required.

Program of Study

A course work proposal which has been approved by the advisory committee, the department chair and the dean.

Fulfillment of additional program requirements.

An overall grade point average of 2.8.

Note: For more information on advanced course listings please visit our [PT, Graduate](#) course description page.

How can I obtain more information about your program?

The Office of Academic Admissions regularly schedules [Closer Look Tours](#) of all departments, including physical therapy. The tours provide information and faculty interaction. For more admissions information, call (706) 721-2725 or (706) 721-2141 or visit [our web site](#).

[top](#)

Medical College of Georgia

[Physical Therapy Home](#) [A-Z Index](#) [MCG](#)

[Home](#)

- ▶ [Master of Physical Therapy](#)
- ▶ [Master of Health Education](#)
- ▶ [Master of Science](#)

Programs

MPT Contact Information:

Chloe D. Little, EdD, PT
PT Admissions Committee
Chair
Medical College of Georgia
Dept of Physical Therapy, CH-
100
Augusta, GA 30912-0800
Phone:(706)721-2141
Fax:(706)721-3209
email: clittle@mail.mcg.edu



MHE and MS Contact Information:

Douglas Keskula, PhD, PT, ATC
Associate Professor and
Chairman
Medical College of Georgia
Dept of Physical Therapy, CH-
100
Augusta, GA 30912-0800
Phone:(706)721-2141
Fax:(706)721-3209
email: dkeskula@mail.mcg.edu

We currently offer the Master of Physical Therapy (MPT) designed for students who want to become a physical therapist. The MPT curriculum includes both academic and clinical experiences and requires 27 months of full time study. The clinical and academic experiences are designed to be interdependent and reinforce one another. We also offer the Master of Science (MS) and Master of Health Education (MHE) for practicing physical therapists to expand their understanding of research and education.

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[School of Allied Health Sciences](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:

Chloe Little, clittle@mail.mcg.edu

January 30, 2004

[Faculty & Staff](#)

[Institutional Faculty List](#)

[MCG General Information](#)

[Graduate Oath](#)

[Speakers Bureau](#)

[Frequently Asked](#)

[Questions](#)

[Application Procedures](#)

Graduate Degree

Program Application:

[Deadlines](#)

[Procedures](#)

[Doctoral Programs](#)

[Masters Programs](#)

[Faculty Governance](#)

[Research @ MCG](#)

[Research Seminars](#)

MCG Undergraduate Research Programs

[STAR Programs](#)

(Biomedical Research
Opportunities for
Undergraduate Students)

[Graduate Research Day](#)

(GRD)

[Student Information](#)

[Graduate Student](#)

[Organization](#)

(GSO)

Application Deadlines

Deadlines for completed applications are as follows for Fall Semester 2004 Admission

December 15

Nurse Anesthesia

January 15

Biomedical Sciences (Ph.D.)

"Applications received after this date will be considered on a space-available basis."

***January 31**

Medical Illustration (preliminary portfolio)

**A preliminary slide portfolio of specified artwork and a report of academic qualifications must be submitted as the first step in the application procedure. For information about the required portfolio and the Applicant Preliminary Evaluation Form, write to the Medical Illustration Graduate Program, Medical College of Georgia, Augusta GA 30912-0300.*

March 1

Nursing Ph.D.

April 15

All other Nursing programs

June 30

Oral Biology

2 months prior to beginning of semester

[Courses/Curricula](#)
[Alumni Association](#)
[Academic Calendars](#)

Policies and Procedures

[Masters Degree Programs](#)
[Master Guide Booklet \(PDF\)](#)
[Doctor of Philosophy Degree Programs](#)
[PhD Guide Booklet \(PDF\)](#)
[Thesis/Dissertation Preparation \(PDF\)](#)

[Augusta, Georgia](#)
[Augusta Community](#)

Master of Science (M.S.)
Master of Health Education (M.H.E.)

[Applications for Admission to Graduate Degree Programs](#)

[Medical College of Georgia](#)

Please email comments, suggestions or questions to:
Gretchen Caughman, gcaughma@mail.mcg.edu

** While we make every effort to keep the information on this page accurate and up to date, please remember that the MCG Catalog and our published policies and procedures are the authoritative sources of information about MCG programs and policies.*

April 21, 2004

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Physician Assistant

- [Physician Assistant Home Page](#)
- [Admission Requirements](#)
- [Technical Standards for Admission](#)
- [Estimated Fees and Expenses](#)
- [Curriculum](#)
- [Academic Policies](#)
- [Master of Health Education and Master of Science](#)
- [Course Descriptions](#)

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October 23, 2003

Medical College of Georgia

Physician Assistant Department

[A-Z Index](#) | [MCG Home](#) | [Site Search](#)

[Program Overview](#)

[Program Information](#)

[Faculty & Staff](#)

[FAQ](#)

[Contact Us](#)



Physician Assistant Program School of Allied Health Sciences

offers a comprehensive education which allows graduates to become employed in many speciality areas.



The physician assistant is a skilled professional qualified by academic and clinical training to provide medical and health-care services under the supervision of a licensed physician.

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Please email comments, suggestions or questions to:
Jeannine Guion, jguion@mcg.edu

May 26, 2004

Catalog 2003-2004

[Course Descriptions](#)

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[Research](#)

[Library](#)

[Faculty](#)

Technical Standards for Admission

Qualification for admission to, and graduation from, the Medical College of Georgia School of Allied Health Sciences requires satisfaction of the following technical standards:

1. Sufficient intellectual capacity to fulfill the curricular requirements of the various basic medical science and clinical courses.
2. Ability to effect multimodal communication with patients, colleagues, instructors and other members of the health care community. Ability to project a neat, well-groomed physical appearance. Computer literacy: demonstrate ability to use word processor spreadsheet and database programs.
3. The physical ability to learn and implement the various technical skills required by the faculty to facilitate preparation for the dependent practice of medicine and the provision of health care.
4. Sufficient emotional stability to withstand the stress, uncertainties and changing circumstances that characterize the dependent practice of medicine.

Technical standards have been developed by the Physician Assistant Department for use in evaluation of prospective students. These standards are admissions guidelines and are subject to continuing revision and improvement.

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May 23, 2002

Catalog 2003-2004

[Course Descriptions](#)**Additional Links:**[Research](#)[Library](#)[Faculty](#)

Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, estimated expenses specific to physician assistant are shown below. These figures are based upon the normal experience of our students. In some cases, costs may be higher.

	First Year	Second Year
Books and supplies	\$ 900	\$ 194
Instruments/equipment	1000	50
Uniforms	70	30
Liability insurance	75	75
Hepatitis injection	113	0
Other (travel, graduation, etc.)	175	500
Certifying examination fee	0	550

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Admissions, underadm@mcg.edu

May 23, 2002

Catalog 2003-2004

[Course Descriptions](#)**Additional Links:**[Research](#)[Library](#)[Faculty](#)

Curriculum

The curriculum of the Department of Physician Assistant as presented below can be completed during 24 consecutive months. Due to the dynamic nature of the profession, required courses and clinical rotations may change. Curricular changes may result in additional requirements. Students are responsible for completion of all requirements deemed appropriate by the faculty. The program is conducted as a sequence of three phases; Phase I is the only period of training which is completed entirely on the MCG campus.

All students must be prepared to travel to facilities in Georgia and South Carolina during clinical training in the second year. Financial assistance for these additional expenses cannot be guaranteed.

The first year consists of both basic science and clinically related didactic courses. It is provided during the summer, fall and spring semesters of the first year. All courses are required and must be successfully completed prior to beginning the clinical phase of training.

Summer

	Credit Hours
ANM 3320 Systemic Anatomy	5
PAD 3080 Physical Diagnosis	5
PAD 3470 Medical Communication Skills & Terminology for PA	2
PAD 3280 Clinical Medicine I	7
Semester Total	19

Fall

PAD 3290 Clinical Medicine II	9
PAD 3480 Psychosocial Issues	1
PHY 3110 Principles of Human Physiology	6
ITD 7003 Applied Neuroscience	3
Semester Total	19

Spring

PAD 3310	Clinical Medicine III	10
PAD 3490	Psychosocial Issues II	1
PAD 3010	Pharmacology	3
PAD 3430	Surgical and Acute Care	3
PAD 3990	Independent Study (Optional)	
	Semester Total	17

Summer

PAD 4040	Internal Medicine Rotation	6
PAD 4180	Surgery Rotation	6
PAD 4030	Family Practice Rotation	6
	Semester Total	18

Fall

PAD 4200	Emergency Medicine Rotation	6
PAD 4050	Pediatrics Rotation	6
PAD 4070	Mental Health Rotation	6
	Semester Total	18

Spring

PAD 4060	OB/GYN Rotation	6
PAD 4900	Independent Study (Optional)	
PAD 4010	Preceptorship	6
	Semester Total	12
	PROGRAM TOTAL	103

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 Admissions, underadm@mcg.edu

March 29, 2004

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Academic Promotion and Graduation

Graduation and uninterrupted progress through the curriculum requires that the student obtain a grade of C or higher in each required course. Continued enrollment may be denied for failure to successfully complete any required course at the time it is offered.

After successful completion of the program, the student is awarded a bachelor of science degree as a physician assistant and is eligible to sit for the National Certifying Examination offered by the National Commission on Certification of Physician's Assistants. Students and PA graduates with a bachelor of science degree will be eligible to apply to the School of Allied Health Sciences master of science program.


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May 23, 2002




[Return to list of
Degree Programs](#)

To Apply for Admission to Graduate Degree Programs

[International Application for Ph.D. in Biomedical Sciences](#)

[Print Application for Admission to Graduate Programs](#) or

[Request Application for Admission to Graduate Programs](#) or

Call us at (706) 721-2725 or

Write to us at the following address:

Office of Academic Admissions
AA-170 - Kelly Administration Building
Medical College of Georgia
Augusta, GA 30912-7300

[Medical College of Georgia](#)

Please email comments, suggestions or questions to:

Robert Cross, gradadm@mcg.edu.

July 03, 2003

November 15, 2003 was the deadline for international students to submit a required pre-application for PhD admission to the Biomedical Sciences at the Medical College of Georgia. We are no longer accepting Fall 2004 applications to this program from international students.

The required pre-application for PhD admission to the Biomedical Sciences will become available for Fall 2005 applicants on August 1, 2004 and will remain open until November 15, 2004.

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Please email comments, suggestions or questions to:
Robert Cross, gradadm@mcg.edu.

December 02, 2003

Request for Application for Admissions for Graduate Programs at MCG

1. Please complete this personal information:

First name M.I. Last name

2. Other Last Name that may appear on transcripts

Name

3.

Program(s) for which you are applying:

BIOMEDICAL SCIENCES

[Doctor of Philosophy \(Ph.D.\)](#)

Master of Science (M.S.)

(Please contact the program directly if you are interested in master's work only)

[ORAL BIOLOGY](#)

M.S.

Ph.D.

ALLIED HEALTH SCIENCES

Licensure Requirements: For the M.H.E. and M.S. programs, you must have a bachelor's degree in the Allied Health discipline you select below. You must also provide evidence of current Georgia licensure or eligibility for such licensure prior to enrollment.

[Master of Health Education \(M.H.E.\)](#)

(Educational Degree oriented toward teaching and clinical skills)

[Master of Science \(M.S.\)](#)

(Interdisciplinary research-oriented program for qualified allied health professionals)

Dental Hygiene

Diagnostic Medical Sonography

Health Information Management

Medical Technology

Nuclear Medicine Technology

Occupational Therapy

Physical Therapy

Physician Assistant

Radiation Therapy Technology

Radiography

Respiratory Therapy

[Master of Physical Therapy \(M.P.T.\)](#)

(Entry level program for professional training)

Physical Therapy

Augusta

Albany

[Medical Illustration](#)

Special Application Procedure-A preliminary slide portfolio of specified artwork and a report of academic qualifications must be submitted as the first step in the application procedure. Information on the required portfolio and Applicant Preliminary Evaluation Form can be obtained from the Medical Illustration Graduate Program, Medical College of Georgia, Augusta, GA 30912-0300.

NURSING

Licensure Requirements: Evidence of professional nurse licensure
(must obtain a Georgia licensure prior to enrollment).

Please check the block (and only on block) of the major field of study in which you are most interested.

Master of Science in Nursing (M.S.N.)

Adult Nursing

Community Health Nursing

Mental Health-Psychiatric Nursing

Parent-Child Nursing

RN/MSN

Adult Nursing

Community Health Nursing

Mental Health-Psychiatric Nursing

Master of Nursing (M.N.)

Family Nurse Practitioner

(this program is offered in the following 3 locations, please select one.)

Augusta

Athens

Columbus

Pediatric Nurse Practitioner

Nursing Anesthesia

RN/MN

Family Nurse Practitioner

Pediatric Nurse Practitioner

Nursing Anesthesia

Doctor of Philosophy in Nursing (Ph.D.)

(Deadline for completed application - June 1.)

Health Care Across the Life Span

1. Current Mailing Address

Street address

Address (cont.)

City

State

Zip/Postal code

Country (if not USA)

2. Telephone *(including area code)*

Home Phone

3. E-mail

E-mail

4. My Current Status is:

College Graduate

College Student

Not in School

5. If in school, what year?

6. If in school, where?

7. Comments/Questions

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Radiologic Sciences

- [Radiologic Sciences Home Page](#)
- [Admission Requirements](#)
- [Estimated Fees and Expenses](#)
- [Academic Policies](#)
- [Baccalaureate Curricula](#)
- [Certificate Curricula](#)
- [Master of Health Education and Master of Science](#)
- [Course Descriptions](#)

[Catalog 2003-2004](#) | [Medical College of Georgia](#)

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October 23, 2003

Medical College of Georgia

Department of Radiologic Sciences

[A-Z Index](#) | [MCG Home](#)



[Radiography](#)

[Introduction to the Radiologic Sciences](#)

[Technical Standards](#)



[Nuclear Medicine
Technology](#)

[Mission and Goals Statement](#)

[Program Information and Majors Offered](#)

[Catalog](#)

[Application](#)

[Tips for Applicants](#)



[Radiation Therapy](#)

[Student Guidelines](#) (download [Acrobat Reader 5](#) to view this file)

[Student Financial Aid Guide](#)

[ASRT Awards and Scholarships](#)

[ALPHA ETA SOCIETY BYLAWS](#)

[Frequently Asked Questions](#)



[Dosimetry](#)

[Faculty and Staff](#)

[RadScape](#)

[Contact Information](#)



[Diagnostic Medical
Sonography](#)



[Links 2Go Medical Institutions](#)

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Please email comments, suggestions or questions to:
Debbie Percival, dpercival@mail.mcg.edu

February 16, 2004

Catalog 2003-2004

[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, there are expenses specific to radiologic science. Generally, uniforms are required as a one-time expense; and annual fees such as professional dues, liability insurance and campus parking should be anticipated in addition to textbook expenses.

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May 23, 2002

Catalog 2003-2004

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Academic Standards

Students in all departmental programs must earn a grade of C or better in required major area courses to receive program credit. (Major area courses are 1) all professional courses, 2) math/science courses in the core area and 3) area IV courses in programs where applicable. Additionally, certain moral, ethical and behavioral standards are expected of students aspiring to careers in health science. The department therefore requires compliance with policies and procedures which govern conduct both as a student in the university and as a student in a professional program. These regulations are considered academic standards within the scope of clinical practicum courses in the curriculum. Specific policies and procedures are given to the student upon matriculation.

The student who receives a D or F in clinical practicum may be denied permission to continue in subsequent clinical practicum. The department promotions committee will review the student's performance and will make an appropriate recommendation.

Graduation Requirements

Each program has an identified curriculum which must be successfully completed, which includes a designated number of clinical experience hours, as well as competency assessments. Specific data is given to each student upon enrollment. Due to the dynamic nature of these technological services, periodic revision of curricula is performed. In the event necessary curricular/graduation requirement changes are applied to enrolled students, such changes will be made known to the students. It is then the responsibility of each student to meet the specified requirements. In such circumstances every effort will be made to minimize possible negative impact on a student's curricular plans, especially as pertains to anticipated time of program completion.

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[Course Descriptions](#)

Additional Links:

[Research](#)

[Library](#)

[Faculty](#)

Baccalaureate Curricula

[Bachelor of Science with concentration in Nuclear Medicine Technology](#)

[Bachelor of Science with concentration in Radiation Therapy Technology](#)

[Bachelor of Science with concentration in Diagnostic Medical Sonography](#)

[Bachelor of Science with concentration in Medical Dosimetry \(for certified radiation therapists only\)](#)

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October 07, 2003

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Curriculum

Bachelor of Science with concentration in Nuclear Medicine Technology

	<i>Credit Hours</i>
Junior Year	
<i>Fall</i>	
RSC 3634 Radiation Protection and Detection	4
RSC 3611 Introduction to Patient Care	2
NMT 3611 Principles of Nuclear Medicine I	4
NMT 3641 Clinical Internship	3
Semester Total	13
<i>Spring</i>	
AHS 3610 Allied Health Ethics and Law	1
NMT 3612 Principles of Nuclear Medicine II	4
PCS 3632 Physics of Nuclear Medicine	4
NMT 3642 Clinical Internship	3
Semester Total	12
<i>Summer</i>	
NMT 3600 Introduction to Nuclear Cardiology	3
RSC 3602 PBL in Radiology Patient Management	1
NMT 3643 Clinical Internship	5
AHS 4300 Professional Issues (Elective)	1
NMT 3623 Clinical Correlation	1
RSC 3613 Professional-Patient Interactions and/or	1
NMT4602 Independent Study	1-3
Semester Total	12-15
Senior Year	
<i>Fall</i>	
RSC 4602 Sectional Anatomy	2
NMT4602 Independent Study	2-3
RSC4653 Statistical Methods and Research Design in the Radiologic Sciences (Elective)	3
NMT 4600 Advanced Practice in Nuclear Medicine I	3

NMT 4641	Clinical Practicum	2
	Semester Total	12-13
	Spring	
RSC 4610	Advanced Radiologic Patient Care	2
RSC 4621	Pathology for Radiologic Sciences	2
NMT 4642	Clinical Practicum	2
NMT 4601	Advanced Practice in Nuclear Medicine II	3
RSM 4632	Management of the Radiology Department or	2
AHS 4300	Professional Issues in Allied Health Sciences	1
	Semester Total	14-15

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September 23, 2002

Catalog 2003-2004

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Curriculum

Bachelor of Science with concentration in Radiation Therapy Technology

Junior Year

Fall

		Credit Hours
RSC3634	Rad Protection & Biology	*4
RTT4601	Principles of Rad Oncology	4
RSC3611	Intro to Radiologic Patient Care	*2
RTT3641	Rad Oncology Clinical Internship	4

Semester Total **14**

Spring

PCS4631	Physics of Radiation Oncology	4
RTT4613	Quality Assurance for Rad Oncology	2
RTT4621	Cancer Management in Rad Oncology	3
RTT4614	Rad Oncology Simulation Procedures	2
RTT3642	Rad Oncology Clinical Internship	4

Semester Total **15**

Summer

RSC4602	Sectional Anatomy	*2
RSC3602	PBL in Radiology PT. Management	*1
RTT3643	Rad oncology Clinical Internship	6

Semester Total **9**

Fall

RSC4653	Statistical Methods and Research Design 3(elective) in the Radiologic Sciences	
AHS3610	Ethics	*1
PCS4632	Radiation Oncology Dosimetry	3
RTR4631	Principles & Instrumentation of CT	*3
RTT 4640	Rad oncology Clinical Internship	4

Semester Total **14**

Spring

RSC4621	Pathology	*2
RTT4615	Radiation Oncology Seminar	3
RTT4648	Applied Project	4
RTT4642	Rad Oncology Clinical Internship	4
Semester Total		13

*** Courses with an asterisk may be transferred from a previous health curriculum provided the content is equivalent.**

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[Course Descriptions](#)

Additional Links:

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Curriculum

Bachelor of Science with concentration in Diagnostic Medical Sonography

Junior Year

**Credit
Hours**

Fall

RSC 3611	Introduction to Patient Care	2
RSC 4602	Sectional Anatomy	2
DMS 3611	Sonography Application I: Abd/OB/GYN	3
DMS 3610	Sonographic Instrumentation	1
DMS 3641	Clinical Internship I	4
Semester Total		12

Spring

AHS 3610	Ethics in Health Professionals	1
DMS 3614	Sonography Applications II: Abd/OB/GYN	5
PCS 3650	Sonologic Physics	3
DMS 3642	Clinical Internship II	4
RSC 4621	Pathology for Radiologic Sciences	2
Semester Total		15

Summer

DMS 3615	Sonography Application III: Abd/OB/GYN	4
ANM 3320	Systemic Anatomy	5
DMS 3643	Clinical Internship III	4
Semester Total		13

Senior Year

Fall

DMS 4625	Introduction to Vascular	3
DMS 4627	Sonologic Application of	3
DMS 4621	Cardiovascular Physics	3
DMS 4641	Clinical Internship IV	4
DMS 4623	Independent Study	1
Semester Total		14

Spring

RSC 4610	Advanced Radiologic Patient Care	2
DMS 4629	Pediatric Echocardiography	2
DMS 4631	Sonologic Application of Echocardiography II	5
DMS 4642	Clinical Internship V	4
	Semester Total	13

Summer

DMS 4637	Sonographic Seminar	3
DMS 4633	Cardiac Evaluation Methods	2
DMS 4635	Sonologic Application of Echocardiography III	4
DMS 4643	Clinical Internship VI	4
	Semester Total	13

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October 06, 2003

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Curriculum

Bachelor of Science with concentration in Medical Dosimetry (for certified radiation therapists only)

Junior

Year

Fall

		Credit Hours
RTR 4631	Principles and Instrumentation of CT	3
RSC 4602	Sectional Anatomy	2
PCS 4637	Advanced Medical Dosimetry Physics	3
RTT 4644	Medical Dosimetry Clinical Internship	5
	Semester Total	13

Spring

RTT 4649	Medical Dosimetry Special Topics	3
RTT 4645	Medical Dosimetry Clinical Internship	6
	Semester Total	9

Summer

ANM 3320	Systemic Anatomy	5
RTT 4646	Medical Dosimetry Clinical Internship	6
	Semester Total	11

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Respiratory Therapy

- [Respiratory Therapy Home Page](#)
- [Admission Requirements](#)
- [Estimated Fees and Expenses](#)
- [Curriculum](#)
- [Academic Policies](#)
- [Master of Health Education and Master of Science](#)
- [Course Descriptions](#)

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October 23, 2003

Goodbye ...

to our Class of
2002



We'll Miss You !!

Anthony Massey, Shawnte Crawford, Clarence Godfrey, John Stewart, Stephen Leatherwood, Benjamin Hamby, Erica Mitchell, Vanessa O'neal, Alyssa Paetau, Torre Northcutt, Patience Dradick, and Abenet Sileshi

[For more information link to the Respiratory Therapy Program.](#)

Welcome!!
Class of 2004



Back – Front, Left – Right: Ginger Maddox, Dee Ely, Douglas Pawlowsky, Andrew Lowery, Wanda Oates, Mitzi Cardona, Nicole Sistrunk, Dianna Quinn, and Moronica Jackson

Catalog 2003-2004

[Course Descriptions](#)**Additional Links:**[Research](#)[Library](#)[Faculty](#)

Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, there are expenses specific to respiratory therapy. In some cases, costs may be higher, especially for travel.

	First Year	Second Year
Books and supplies	\$ 500	\$ 225
Instruments/equipment	25-100	0
Uniforms	130	60
Liability insurance	15	15
Allifiation/field trips		Up to 1,000
Comprehensive exams	0	200

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May 23, 2002

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Curriculum

(2+2 Transfer Program)

Junior Year

Fall

		Credit Hours
PHY 3110	Principles of Human Physiology	6
RTH 3205	Fundamentals of Respiratory Care I	6
RTH 3199	Medical Terminology	1
RTH 3207	Fundamentals of Respiratory Care Lab	2
RTH 3211	Introduction to Problem Based Learning	1
	Semester Total	16

Spring

RTH 3212	Principles of Human Physiology	3
RTH 3305	Fundamentals of Respiratory Care II	3
RTH 3203	Cardiopulmonary Pathophysiology	4
RTH 3320	Clinical I	2
RTH 4540	Research in Respiratory Care	2
AHS 3610	Ethics in Allied Health Professionals	1
	Semester Total	15

Senior Year

Summer

ANM 3320	Systemic Anatomy	5
RTH 4407	Management of the Mechanical Ventilator Patient	3
RTH 4410	Advanced Respiratory Care	3
RTH 4417	Newborn and Pediatric Respiratory Care	3
	Semester Total	14

Fall

RTH 4521	Clinical II	5
RTH 3209	Pulmonary Rehabilitation	3
RTH 4515	Advanced Ventilator Management & Pulmonary Diagnostics	4
RTH 4411	Cardiopulmonary Pathophysiology II	3

	Semester Total	15
<i>Spring</i>		
RTH 4622	Clinical III	2
RTH 4650	Respiratory Care Seminar	1
AHS 3660	The U.S. Health Care Delivery System	1
RTH 4623	Clinical IV (Externship)	5
RTH 4412	Clinical presentations	3
	Semester Total	12

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November 19, 2003

Catalog 2003-2004

[Course Descriptions](#)**Additional Links:**[Research](#)[Library](#)[Faculty](#)

Academic Promotion and Graduation

Final grades for academic courses and modules taught by the respiratory therapy faculty are given on an A, B, C, or F scale. The grade of D is not acceptable in any course taught by MCG faculty.

Students must meet the minimum level of proficiency established for each course or module. Minimal level of proficiency is set at 75 percent level of correct responses in written, oral and/or practical examination plus satisfactory completion of other course requirements. This applies to courses taught by the respiratory therapy faculty.

Satisfactory progress through the curriculum depends on satisfactory completion of each course/module at the time the course/module is offered.

Incomplete (I) may be given in any course or module under extenuating circumstances at the discretion of the instructor(s). These must be made up in accordance with MCG policy.

A student who earns a grade of F in any course or module is subject to dismissal from the program.

Academic Standards

The Department of Respiratory Therapy reserves the right to place a student on departmental probation and to deny permission to continue enrollment in the Department of Respiratory Therapy if, in the opinion of the faculty, the student's knowledge, clinical performance, character or mental or physical fitness cast grave doubts upon his potential capacities as a respiratory therapist.

Graduation Requirements

The faculty of the Department of Respiratory Therapy make recommendations for graduation based on a student's ability to

develop qualities considered essential for the profession. In addition, the student must pass comprehensive written examinations.

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May 23, 2002

[Tuition and Fees Index](#)[School of Allied Health Sciences](#)[School of Dentistry](#)[School of Graduate Studies](#)[School of Medicine](#)[School of Nursing](#)

Fee Payment and Refund Policy

The following general fees must be received by the cashier's office on or before registration day to avoid paying a \$25 [late registration fee](#).

Payments can be made as follows:

- personally delivered to the Cashier's Office, Room 224 of the Administration Building
- mailed to Medical College of Georgia, Cashier's Office, Augusta, Georgia 30912.
- charged to Master Card, VISA, or Discover by calling the Cashier's Office prior to registration

School of Medicine Tuition Payment Policy

Ten full-time tuition payments are required for the prescribed four-year curriculum. Four tuition payments are assessed in the first and second years. Six tuition payments which begin the summer semester after the second year and end the spring semester of the fourth year, are assessed for clerkships and electives during the third and fourth years. All ten payments are required even if you finish at an accelerated pace. Additional tuition will be assessed if courses are repeated or remediated.

If you have questions concerning the payment policy, please contact the Cashier's Office at (706) 721-2926.

General Tuition and Fees Due Each Semester

Medical and Dental Students Taking Variable Course Loads

Medical students enrolled in a special curriculum or for clinical rotations and dental students enrolled for a schedule that varies from the prescribed four-year curricular schedule shall pay fees at the time of registration each semester in accordance with a fee schedule available in the registrar's office and cashier's office.

Audit Fees

Fees for [auditing a course](#) are the same as the fees for regular

enrollment.

Acceptance Deposits

All schools of the Medical College of Georgia require a \$100 acceptance deposit which will be credited toward first-semester matriculation fees. Those accepted applicants who fail to notify the appropriate admissions office of their withdrawal in writing not later than the last day of regular registration of their entering class shall forfeit their acceptance deposit.

Refund of Fees

Students who withdraw from all courses before completing 60% of the semester are entitled to a refund of a portion of tuition, mandatory fees and institutional charges. The refund amount is based on a pro rata percentage determined by dividing the number of calendar days remaining in the semester. Students who drop individual courses are not entitled to a refund for the course(s) dropped; only students who withdraw from the institution in keeping with official withdrawal procedures established by the Office of the Registrar are eligible for refunds.

The number of calendar days remaining in the semester is the number of days from the student's official withdrawal date through the last day of scheduled exams. The total number of calendar days in the semester include weekends and exam periods. Calculations exclude scheduled breaks of five or more calendar days and days that a student was on approved leave of absence defined by the federal regulations for the return of Title IV student aid funds.

Institutional charges are defined in the Higher Education Act of 1965 as amended. Institutional charges include tuition, activity fee, student health fee, on-campus housing, student fitness center fee, technology fee, microscope rental and any other equipment rental fee paid directly to the school. Parking fees, health insurance, disability insurance, fines, library charges, books, supplies, dues, liability insurance, and any fee paid directly to a vendor on behalf of the student are not considered institutional charges and are not included in refund calculations.

Students enrolled in Phase III of the School of Medicine curriculum are enrolled in a program of study defined by federal aid regulations as a modular curriculum. An individual clinical rotation, regardless of length, is considered a module. Students enrolled in modular curriculum who complete one or more modules during a semester are not entitled to a refund. In addition, students completing 60% or more of the total educational activities for the modules for which the student was

registered at the beginning of the semester will not receive a refund.

A refund of all nonresident fees, matriculation fees, and other mandatory fees shall be made in the event of a death of a student at any time during the semester.

Full refunds of tuition and mandatory fees and pro rata refunds of elective fees will be given to students who are:

- a. Military reservists (including members of the National Guard) and who receive emergency orders to active duty after having enrolled in a University System institution and paid tuition and fees.
- b. Active duty military personnel who receive an emergency reassignment after having enrolled in a University System institution and paid tuition and fees.
- c. Otherwise unusually and detrimentally affected by the emergency activation of members of the reserve components or the emergency deployment of active duty personnel of the Armed Forces of the United States and who demonstrate a need for exceptional equitable relief.

Refunds to students receiving student financial aid will be coordinated with the Return of Title IV Funds regulations of the Higher Education Act of 1965 as amended, state scholarships and grant regulations, and the regulations of the individual private scholarships and loans, as appropriate.

Changes in Fees and Other Charges

All matriculation charges, board, room rent or other charges listed in this catalog are subject to change at the end of any semester.

Tuition and Fees

Students | Prospective Students | Medical College of Georgia

Please email comments, suggestions or questions to:

Lori DeWulf, ldewulf@mcg.edu

April 12, 2004



Board of Regents Policy Manual

The University System of Georgia

403 STUDENT RESIDENCY

403.01 OUT-OF-STATE ENROLLMENT

Each University System institution is required to file an annual report detailing the number of out-of-state students enrolled during the previous academic year (BR Minutes, April, 1995, p. 21).

403.02 CLASSIFICATION OF STUDENTS FOR TUITION PURPOSES

- A. (1) If a person is 18 years of age or older, he or she may register as an in-state student only upon showing that he or she has been a legal resident of Georgia for a period of at least 12 months immediately preceding the date of registration.

Exceptions:

- i. A student whose parent, spouse, or court-appointed guardian is a legal resident of the State of Georgia may register as a resident providing the parent, spouse, or guardian can provide proof of legal residency in the State of Georgia for at least 12 consecutive months immediately preceding the date of registration.
- ii. A student who previously held residency status in the State of Georgia but moved from the state then returned to the state in 12 or fewer months.
- iii. Students who are transferred to Georgia by an employer are not subject to the durational residency requirement.

(2) No emancipated minor or other person 18 years of age or older shall be deemed to have gained or acquired in-state status for tuition purposes while attending any educational institution in this state, in the absence of a clear demonstration that he or she has in fact established legal residence in this state.

- B. If a parent or legal guardian of a student changes his or her legal residence to another state following a period of legal residence in Georgia, the student may retain his or her classification as an in-state student as long as he or she remains continuously enrolled in the University System of Georgia, regardless of the status of his or her parent or legal guardian.
- C. In the event that a legal resident of Georgia is appointed by a court as guardian of a nonresident minor,

such minor will be permitted to register as in-state student providing the guardian can provide proof that he or she has been a resident of Georgia for the period of 12 months immediately preceding the date of the court appointment.

- D. Aliens shall be classified as nonresident students, provided, however, that an alien who is living in this country under an immigration document permitting indefinite or permanent residence shall have the same privilege of qualifying for in-state tuition as a citizen of the United States.

Medical College of Georgia Office of Student Financial Aid

[A-Z Index](#) | [MCG Home](#)

Admissions	Financial Aid	Registrar	Tuition/Fees	Student Affairs	Student Health	Housing
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Student Financial Aid Office

2013 Administration Building
Augusta, GA 30912-7320
(706) 721-4901

Interim Director
(Nursing & Graduate
Studies)
[Cynthia Parks](#)

Assistant Director
(Medicine and Dentistry)
[Antoinette Esposito](#)

Assistant Director
(Allied Health & Work Study)
[Carla Sullivan](#)

Student Services Specialists
(Applications)
[Tina Marable](#)
[Tonya Yates](#)

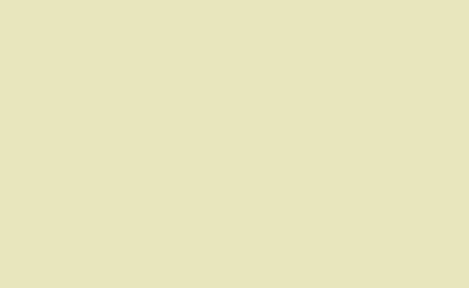
MCG Student Financial Aid



- [General Financial Aid Information](#)
- [Financial Aid Guide](#) (pdf)
- [Student Loan Primer](#)
- [Federal Family Education Loan Program](#)
- [Apply for Financial Aid](#)
- [Financial Aid Forms](#)
- Award letter Information:
 - [Award Letter Explanation](#)
 - [Estimated Hope Award](#)
- [Residency/Residency Relocation Loans](#)
- [Ty Cobb Scholarship](#)
- [Financial Aid Links](#) (Includes Scholarship Search)
- [Title IV/ Institutional Policies](#)
- [Identity Theft](#)

Related Web Sites

- [Stafford Loan Entrance Counseling](#)
- [Stafford Loan Exit Counseling](#)
- [Perkins Loan Exit Counseling](#)
- [National Student Loan Data System](#) (Your student loan history)
- [FAFSA On the Web](#)
- [Debt Help](#) (Education Debt Management by the Association of American Medical Colleges)
- [ELM Resources](#)
- [Citibank Student Loans](#)
- [Nellie Mae Student Loans](#)
- [Georgia Student Finance Commission \(HOPE/Loans\)](#)
- [Exit Loan Counseling Seminar](#) (pdf)

- 
- [Financial Planning Seminar \(pdf\)](#)
 - [Loan Consolidation/Deferment/Forbearance](#)
 - [State Medical Education Board Scholarships and Loan Repayment Programs](#)
 - [PIN-Registration U.S. Department of Education](#)

[Enrollment and Student Services](#)

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osfa@mail.mcg.edu

January 16, 2004

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General Financial Aid Information

How to Apply

You must apply for student financial aid each aid year. The application process is web based. Some parts of the application must be printed and mailed to our office. The aid year application process covers Fall Semester through Summer Semester of each aid year.

Select "Apply for Financial Aid" from the Student Financial Aid Home Page. Select your student type for the aid year you desire aid. For example School of Medicine students wishing aid for Fall 2004 through Summer 2005 would select " Medical Students" under "Applying for Aid for 2004-2005". Students who are entering MCG for the first time in the Summer Semester should select the "Summer Entering" option. You must fill out one application for aid for the Summer Semester you enter and another application for the following aid year (Fall – Summer).

Complete all steps under the "Student Type" you selected. Read all information carefully. Be sure to include a permanent mailing address on your FAFSA and MCG application. If you are transferring to MCG, please do not use your current school address unless you plan to live at the address until you begin your studies at MCG. Please include an e-mail address on your FAFSA and MCG application. If you have application questions, please e-mail us at osfa@mail.mcg.edu or call us at (706) 721-4901.

TYPES OF AID

Aid may be in the form of a scholarship or grant, a loan, a service commitment program, or employment. The following program descriptions are grouped by type of aid and source.

SCHOLARSHIPS AND GRANTS

* Awards and/or nominations for the following scholarships and programs are made by MCG. By applying for MCG assistance, you will be considered for the programs for which you are eligible. The actual assistance offered to you will depend on the funds available and your eligibility. Need based aid is awarded based on you and/or your spouse's income, your parents' income, or both. Non-need based aid is awarded based on criteria other than income. Some scholarships use a combination of need and non-need criteria to determine eligibility.

Federal Scholarships and Grants (Need Based):

Federal Pell Grant

Federal Supplemental Educational Opportunity Grant

Financial Assistance for Disadvantaged Health Professions Students Scholarships

Scholarships for Disadvantaged Students

Institutional Scholarships: MCG administers scholarships funded by private donations to the MCG Foundation, Inc. and scholarships funded by donations directly to the school by outside organizations. Students who apply for Financial Aid through the Office of Student Financial Aid will be considered for all scholarships awarded by our office.

HOPE Scholarship (Merit Based): The HOPE Scholarship is a merit based state scholarship program for Georgia residents. It is funded by the Georgia Lottery. Georgia residents who meet the eligibility criteria must complete the HOPE Questionnaire available in our office or website. Applicants wishing to apply for **HOPE only**, and not other federal and state aid, may complete a HOPE Alternative Application instead of the *Free Application for Federal Student Aid (FAFSA)*. The HOPE Alternative Application is available in our office or on our website. All applicants must complete an MCG Financial Aid Application. **Note: This information may change due to new budget regulations.**

Third party Scholarships/Grants

****The following scholarships require you to apply directly to the donor. Recipients are selected by the donor.***

Ty Cobb Educational Foundation Scholarship. To be eligible, a student must be a Georgia resident, and have completed one year of college work with a 3.0 GPA. Write to Ty Cobb Foundation P.O. Box 3266 Augusta, Georgia 30914-3266 or e-mail tycobb@mindspring.com.

Deadline: June 15 Applications must be received in the Office of Student Financial Aid Office by June 10.

School of Medicine Alumni Scholarship. Scholarships are awarded annually on a competitive basis to currently enrolled students who are direct descendants of MCG School of Medicine Alumni. School of Medicine applicants who meet the criteria should contact our office for application information. Current students will be emailed application each January.

National Medical Fellowships. Fellowships are awarded to medical students from minority groups currently under represented in medicine. Write to the NMF, 110 West 32nd Street, 8th Floor, New York, NY 10001-3205. Phone (212) 714-1007.

Vocational Rehabilitation. Scholarship assistance for tuition, fees and possibly other academic expenses is available for students with a physical or mental disability which constitutes a substantial challenge to gainful employment. For information, contact the Vocational Rehabilitation Office nearest your home.

Service Commitment Programs

****The following scholarship/grant programs require specific service following graduation. Apply directly to the donor. Recipients are selected by the donor. State Medical Education Board Scholarship (“Country Doctor” Scholarship Program).***

Scholarships of \$20,000 per year for four years are provided to medical students who are Georgia residents and who plan to practice in smaller rural communities of Georgia. Write the State Medical Education Board, “Country Doctor” Scholarship Program, 270 Washington Street, S.W., 7th Floor, Atlanta, GA 30334 or e-mail smeb@mail.regents.peachnet.edu. Information is available on our website at www.mcg.edu/students/finaid/medicaled.htm . Deadline: May 1st

National Health Service Corps Scholarship. A service scholarship program is offered. Other loan repayment and employment opportunities are available. Write to the NHSC, Suite 450, 2070 Chain Bridge Road, Vienna, VA 22182-2536, call (800) 221-9393, or visit http://nhsc.bhpr.hrsa.gov/get_involved/scholarships.html .

Veterans Administration Health Professional Scholarship Program. The VA offers scholarship assistance to nursing and physical therapy students. Applications are available from the Office of Academic Affairs, DM&S (14N), 810 Vermont Avenue, N.W., Washington, DC 20420.

Armed Forces Health Professions Scholarship Program. Refer to the following websites for recruiting information: www.goarmy.com, www.airforce.com, or www.navyjobs.com .

LOANS

When you apply for MCG financial aid assistance, you will be considered for all loan programs in this section for which you are eligible. The actual loans offered to you will depend on the funds available to lend and your eligibility. All loans offer reasonable interest rates and extended repayment terms which are disclosed in the promissory note of each loan. You will be required to select a lender for FFELP loans. MCG does not participate in the Federal Direct Loan program. You can refuse or cancel any loans offered to you.

Federal Loans:

Federal Family Education Loan Program (FFELP)

- Federal Subsidized Stafford Loan
- Federal Unsubsidized Stafford Loan
- Federal PLUS Loan

Federal Nursing Student Loan

Federal Perkins Loan

Health Professions Student Loan

Loans for Disadvantaged Students

Georgia Service Cancelable Loan. This loan, made to students enrolled in dental hygiene, health information management, medical technology, nursing, occupational therapy,

physical therapy, physician assistant, radiologic technologies, respiratory therapy and dentistry may be canceled by working in the state of Georgia at an approved site. Federal agencies, temporary agencies, private duty and volunteer work are not approved sites. The typical loan is \$2,000. Dentistry is \$3,500. The combination of this loan and the cash repayable Stafford Loan cannot exceed the Stafford Loan maximum. Funds are limited and renewable for prior recipients. Any remaining funds will be awarded on a first come first serve basis in order of MCG Student Financial Aid application process completion. Most funds are fully committed by early Spring.

Emergency Loans. MCG has short-term loan programs for students enrolled at least half-time who are experiencing temporary unforeseen financial difficulty. The interest rate is three-fourths of one percent per month and the maximum repayment period is 90 days. The maximum amount allowed is \$500 per semester. Before applying for additional Emergency Loan funds, the previous Emergency Loan must be paid in full. A brief emergency loan application must be completed in the Office of Student Financial Aid.

EMPLOYMENT AND ASSISTANTSHIPS

Federal Work-Study Program. Full-time, part-time, undergraduate, graduate and professional students may apply for Federal Work-Study employment. Eligibility is based on financial need. Most jobs are located on campus. Many jobs are community service opportunities. Please request consideration for the Federal Work-Study program on the MCG Financial Aid Application. You must complete a FAFSA to be considered for Work-Study employment.

Nurse Traineeships. Traineeships for full-time nursing students in graduate programs are offered by the MCG School of Nursing. Traineeships pay up to tuition and fees. Contact the Associate Dean for Graduate Nursing Programs concerning availability of funds.

Graduate Research Assistantships. The MCG School of Graduate Studies offers graduate research assistantships to outstanding students. The stipend is currently an estimated \$19,000 per year for a one-third time work commitment and qualifies the recipients for reduced tuition, including waiver of any non-resident fee. Contact the program director within your discipline.

OTHER ASSISTANCE

Waiver of Non-resident Fees. Students who are not legal residents of Georgia but who meet certain criteria may be granted a waiver of the non-resident fee. Write to the MCG Office of the Registrar, 1120 Fifteenth Street, Augusta, Georgia 30912-7315 for criteria.

Veteran's Benefits. Former service personnel and dependents of veterans who died or were permanently and totally disabled may be eligible for Veteran's Administration benefits. The MCG Registrar's Office provides advisory service for students eligible for such benefits.

Other. It is also suggested that applicants check with parents' employers, professional associations, foundations and community organizations about sponsorship of scholarships, grants, or loan programs. Some hospitals offer service commitment programs. Students

apply directly to the donor. School counselors, scholarship guide publications and employer personnel offices may offer information on aid sources. Investigate every possibility.

MISCELLANEOUS INFORMATION

Enrollment

For undergraduates, full-time enrollment is 12 or more hours; three-quarter time is 9-11 hours; and half-time is 6-8 hours. For Graduate Studies, full-time enrollment is 9 or more hours and half-time is 5-8 hours. Eligibility for many types of aid and the amounts awarded vary according to course load. HOPE pays per credit hour of enrollment. Pell varies according to full, three-quarter, half or less-than-half time enrollment. Stafford and Perkins loans require at least half-time enrollment. Most Department of Health and Human Services funds require full-time enrollment. Audit hours do not count. Less than full-time enrollment may result in a reduction, cancellation, and/or repayment of your need-based awards. Notify our office in writing if you plan to take a reduced course load.

The Financial Aid Package

If you qualify for assistance, you will be offered a “financial aid package”. If you are eligible for scholarship or grant funds, these will be included in your package to the extent those funds permit. The balance of your package will be self-help through loans and/or employment. No combination of aid can exceed the cost of attendance. Because funds are limited, your need may not be met in full. You may refuse or reduce any portion of your aid package. Changes in eligibility, receipt of outside assistance, etc. may result in reduction, cancellation or repayment of aid.

Costs

The total educational cost is the sum of academic expenses plus living expenses.

Academic expenses include appropriate tuition and fees, equipment, books, supplies, uniforms, microscope rental, field trips and malpractice insurance. These expenses vary as a result of differing program requirements and program length (9 or 12 months) and year in school. Fees are subject to change at the end of any semester. **Living expenses** include housing, board, personal expenses, health insurance and transportation. Low cost on-campus housing is available. (Note: Living expenses for family members are not considered part of your living expenses. They are not included in your total educational costs)

<i>Estimated Academic Expenses</i>			
Range	Georgia Resident Range		Non-resident
	9 Mo	12 Mo	9 Mo
12Mo			
Undergraduate	\$ 6,068 - 8,455		\$15,692 - 22,891
Graduate Studies	6,496 - 9,512		18,046 - 26,837

Medicine	11,868 - 18,342	32,072 - 48,648
Dentistry	10,282 - 16,870	N/A - N/A

NOTE: The costs cited are for the 2003-2004 academic year.

Estimated Living Expenses

	On-campus	Off-campus	
Commuter			
Undergraduate			
9 Month 9,720	\$ 13,725	\$ 13,725	\$
12 Month 12,960	\$ 18,300	\$ 18,300	\$
Graduate			
9 Month 9,720	\$ 13,725	\$ 13,725	\$
12 Month 12,960	\$ 18,300	\$ 18,300	\$

Educational Loans

Exhaust all available sources of assistance before borrowing. Be a well-informed borrower. Not all loans are alike; know the differences. Do not borrow more than you really need. Educational loans, when used wisely, can benefit your future.

Study Abroad Programs-Student Financial Aid Program

Please contact your department about the availability of Study Abroad Programs.

Alternative Loans

There are a multitude of commercial lenders who offer alternative loans. These are private, higher cost loans which carry no government funded benefit. Consider such borrowing only as a last resort. It is the responsibility of the borrower to compare programs and select a lender. Most alternative loans can only be awarded up to the cost of attendance. Residency relocation loans are available above the cost of attendance for graduating medical and dental students. Please consult the MCG Office of Student Financial Aid web page under "Residency/Residency Relocation Loans" for more information.

Written Correspondence (on-campus students)

During semesters for which you are registered, all written correspondence will be mailed to your MCG box. Otherwise, we will use the address you have provided to Admissions (if applicant) or to the Registrar (if student). Please provide the Mail Room with a forwarding address if you are absent from campus for an extended period.

E-mail

We will use your e-mail address for communications which are not required by federal regulation to be printed and mailed. If you are a new applicant, please supply us with an accurate e-mail address on the MCG Financial Aid Application. If you are a current student, we will use your MCG e-mail account. It is your responsibility to check your e-mail messages on a regular basis. E-mail correspondence is considered “**official**” correspondence. The e-mail addresses of Financial Aid personnel are listed on our website. Please feel free to contact us by e-mail.

Read/Keep Copies

It is important that you carefully read all mail that you receive from MCG and your lender pertaining to your financial aid offer. Maintain a file for later reference; keep all loan statements, promissory notes, etc. until your loan has been repaid in full.

Billing/Check Disbursement

Your award letter details the types, amounts and distribution of your aid. An explanation of the award letter can be found at our website at www.mcg.edu/students/finaid . Select “Award Letter Information”. Billing and disbursement of funds are handled by the Cashier’s Office. In general, if your student aid award is finalized at the time of fee billing, the aid will be credited against the charges on your bill (tuition, fees, residence housing, etc.) and you are responsible for payment of any balance due. (Federal work-study is not available for crediting since students are paid bi-weekly for actual hours worked.) If your aid includes a Health Professions, Perkins, or institutional loan, you must sign a promissory note with the MCG Student Loans Office. Failure to do so will void the credit to your bill. If your aid exceeds the amount of your bill, the Cashier’s Office will mail the balance to you by the day of registration **provided** you are not an entering student and/or you have completed all your Promissory Notes with the Student Loans Office. Your bill and the credits applied to your bill can be accessed on the website at www.mcg.edu/students/studbill/studentbill.htm approximately ten days prior to registration except for registration periods affected by holidays.

Late Awards: If your aid is not finalized in time to apply to your bill, you are responsible for payment at the time of your scheduled registration. Failure to make payment will result in a late fee and/or cancellation of classes. Your aid will be made available to you during the semester.

Satisfactory Academic Progress

Student aid recipients must maintain Satisfactory Academic Progress toward program completion. Standards must be met in order for aid to be continued. The MCG Satisfactory Academic Progress Policy for financial aid eligibility is available on the MCG Office of Student Financial Aid website.

Return of Title IV /Refunds

Students who withdraw or otherwise terminate their enrollment may be required to return all or a portion of the aid received to aid programs based on a percentage of the enrollment period attended. Details of the calculation and the prescribed order of return distribution are available in the Office of Student Financial Aid or on our website. Select “Title IV/Institutional Policies”.

Tax Laws

Regarding scholarships, it is the recipient's responsibility for determining whether the scholarship, in whole or part, is included in gross income under Section 117 of the Internal Revenue Service Code. Beginning January 1, 1998, borrowers who have taken out education loans for themselves, their spouse, or their dependent(s) generally may deduct, on their federal income tax form, the interest they **paid during the tax year** on those loans.

Final Notes

If you have any questions, please call the Office of Student Financial Aid at **(706) 721-4901**. Our office hours are **8:00 a.m. - 5:00 p.m. EST**. Specific information on MCG academic programs, accreditation, facilities and policies can be found in the MCG catalog. Additionally, the MCG Admissions Bulletin provides information on the employment of graduates. Information on special services and facilities available to handicapped students may be obtained by contacting the Director of Academic Admissions at (706) 721-2725. For the Federal Student Aid Information Center call 1-(800) 433-3243.

Visit our website: www.mcg.edu/students/finaid for Financial Aid information and to apply for aid.

Visit the Department of Education website: www.ed.gov for general educational guidelines.

Visit our website: www.mcg.edu/students/finaid to complete your required loan entrance and exit counseling.

Visit National Student Loan Database System at www.nslds.ed.gov to review your loan and Pell history.

The information presented in this guide represents the best information available at the time of publication. All programs are subject to change. For more specific consumer information, contact the Office of Student Financial Aid.

[Office of Student Financial Aid](#)

[Information for Current Students](#) | [Medical College of Georgia](#)

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Please email comments, suggestions or questions to:
osfa@mail.mcg.edu

May 06, 2004



Student Financial Aid Guide

Office of Student Financial Aid – AA-2013 1120 Fifteenth Street, Augusta, Georgia 30912-7230 Phone (706)721-4901

Applying for Financial Aid

Follow the instructions below, to apply for the Federal Pell Grant, the Federal Stafford Loan, the Service-Cancelable Loan, the HOPE Scholarship and other aid awarded through the Office of Student Financial Aid at the Medical College of Georgia. The instructions should help you answer questions as you step through the application process on our website at www.mcg.edu/students/finaid/. Select “Apply for Financial Aid.” You must apply for financial aid each year that you need assistance. We begin issuing award letters in mid-June. Apply for financial aid as soon after **January 1st** as possible. You must be admitted to MCG as a certificate or degree-seeking student before aid will be offered. **However, you should not wait until you have been accepted to begin your application for financial aid.**

You can submit your **Free Application for Federal Student Aid (FAFSA)** by completing the FAFSA on the web at www.fafsa.ed.gov or selecting “Applying for Financial Aid” from our website and following the steps. It takes two (2) weeks for you to receive your Student Aid Report (SAR) when you apply on the website. List the **MCG Title IV Code Number 001579** as one of the schools which should receive your information. If you fail to do this, we will not receive an electronic download of your data and processing will be delayed. **NOTE: The Department of Education and the Internal Revenue Service will perform a cross match of FAFSA information. DO NOT COMPLETE YOUR FAFSA WITH ESTIMATED TAXES.**

Submit the **signed MCG Financial Aid Application** you obtain from our website as soon as possible.

Once you have received your Student Aid Report (SAR), review the form for accuracy. If correct, keep all original pages of the SAR. If you need to make any corrections to your information or your parent’s information, you will need to make changes via the FAFSA website using your assigned PIN (Personal Identification Number) provided to you by the Department of Education. If you need to change your parent’s information, your parents will also need an assigned PIN number. You will also need to provide the Department of Education an email address they can use for communicating information to you.

The federal processor selects a significant number of applicants for a process called verification. **Verification requires our office to check the data you entered on your FAFSA against other sources of the same data.** If your Student Aid Report (SAR) states that you have been “chosen for verification,” you will need to submit your Worksheets A, B, and C from the FAFSA, a completed Verification Worksheet, and a signed photocopy of your Federal Income Tax Return. If you provided parent information on the FAFSA, also submit a signed photocopy of your parents’ Federal Income Tax Return. The Worksheets A, B, and C and the Verification Worksheets will be available on our website. If the federal processor discovers a discrepancy when matching your file to one of the federal databases (INS, Selective Service, Social Security Administration, Veterans Administration, National Student Loan Database) your SAR will inform you that you will be required to submit additional documents to our office. Be sure to include your name and social security number on every document you submit to our office. All significant documents should be submitted to our office by our **March 31st, the application deadline of early consideration.** Electronic corrections will be made in this office only for those students chosen for verification.

***IMPORTANT! If you want to be considered for all types of financial aid from all sources, please include your parents’ information on the FAFSA. This information is optional FAFSA information for “independent students” but required for any student to be eligible for scholarships such as federal Scholarships for Disadvantaged Students or selected institutional scholarships. It is required regardless of your age, dependency status, or marital status. Both student and parent data must be submitted at the time of your application. If you are “independent”, you will still be considered as “independent” for standard aid programs not requiring parent information. Your parents’ data will not be used to determine your eligibility for those programs. You and your parents must have Department of Education PIN numbers or you must mail the Department of Education a parental signature page in order to provide parental data on your FAFSA.**

Late applicants: If you complete your MCG Student Financial Aid application and all required forms less than **90 days** before registration, there may not be sufficient time for your application to be fully processed by registration. All application requirements should be submitted and processed by the Department of Education and received in our office by May 1st for you to receive consideration for aid in the first semester (Fall). Students/families will be expected to assume full responsibility for payment of all charges at the time of registration. MCG accepts personal checks, MasterCard and Visa. We try to process late applications in time for you to receive aid before registration. However, you should be prepared to pay if delays occur.

Note to new students who are entering MCG (Nursing, PA, & MT (4+1): Though Summer Semester is your first semester at MCG, it is the last semester of the current financial aid award year and academic year (trailing award period). You will need to complete **two (2) financial aid applications**, one to cover your first Summer Semester at MCG and one to cover your next complete award year at MCG (Fall, Spring, & next Summer). Each year's MCG application shows the semesters covered by the application. Please be careful to complete the application(s) needed to cover the semesters for which you need assistance. All applications, links to required federal applications, and forms are on our website.

TYPES OF AID

Aid may be in the form of a scholarship or grant, a loan, a service commitment program, or employment. The following program descriptions are grouped by type of aid and source.

SCHOLARSHIPS AND GRANTS

*Awards and/or nominations for the following scholarships and programs are made by MCG. By applying for MCG assistance, you will be considered for the programs for which you are eligible. The actual assistance offered to you will depend on the funds available and your eligibility. Need based aid is awarded based on you and/or your spouse's income, your parents' income, or both. Non-need based aid is awarded based on criteria other than income. Some scholarships use a combination of need and non-need criteria to determine eligibility.

Federal Scholarships and Grants (Need Based):

- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant
- Financial Assistance for Disadvantaged Health Professions Students Scholarships
- Scholarships for Disadvantaged Students

Institutional Scholarships: MCG administers scholarships funded by private donations to the MCG Foundation, Inc. and scholarships funded by donations directly to the school by outside organizations. Students who apply for Financial Aid through the Office of Student Financial Aid will be considered for all scholarships awarded by our office.

HOPE Scholarship (Merit Based): The HOPE Scholarship is a merit based state scholarship program for Georgia residents. It is funded by the Georgia Lottery. Georgia residents who meet the eligibility criteria must complete the HOPE Questionnaire available on our website. Applicants wishing to apply for **HOPE only** and not other federal and state aid may complete a HOPE Alternative Application instead of the *Free Application for Federal Student Aid (FAFSA)*. The HOPE Alternative Application is available on our website. All applicants must complete an MCG Student Financial Aid Application. **Note: This information may change due to new budget regulations.**

THIRD PARTY SCHOLARSHIPS/GRANTS

**** The following scholarships require you to apply directly to the donor. Recipients are selected by the donor.***

Ty Cobb Educational Foundation Scholarship. To be eligible, a student must be a Georgia resident, and have completed one year of college work with a 3.0 GPA. Write to P.O. Box 725, Forest Park, GA 30298 or email tycobb@mindspring.com.

Deadline: June 15th Applications must be received in the Office of Student Financial Aid by June 10th.

School of Medicine Alumni Scholarship. Scholarships are awarded annually on a competitive basis to currently enrolled students who are direct descendants of MCG School of Medicine Alumni. School of Medicine applicants who meet this criteria should contact our office for application information. Current students will be emailed an application each January.

National Medical Fellowships. Fellowships are awarded to medical students from minority groups currently underrepresented in medicine. Write to the NMF, 110 West 32nd Street, 8th Floor, New York, NY 10001-3205. Phone (212) 714-1007.

Vocational Rehabilitation. Scholarship assistance for tuition, fees and possibly other academic expenses is available for students with a physical or mental disability which constitutes a substantial challenge to gainful employment. For information, contact the Vocational Rehabilitation Office nearest your home.

SERVICE COMMITMENT PROGRAMS

*** The following scholarship/grant programs require specific service following graduation. Apply directly to the donor. Recipients are selected by the donor.**

State Medical Education Board Scholarship (“Country Doctor” Scholarship Program). Scholarships of \$20,000 per year for four years are provided to medical students who are Georgia residents and who plan to practice in smaller rural communities of Georgia. Write the State Medical Education Board, “Country Doctor” Scholarship Program, 270 Washington Street, S.W., 7th Floor, Atlanta, GA 30334 or email smeb@mail.regents.peachnet.edu. Information is available on our website at www.mcg.edu/students/finaid/medicaled.htm. **Deadline: May 1st**

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LOANS

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Federal Nursing Student Loan

Federal Perkins Loan

Health Professions Student Loan

Loans for Disadvantaged Students

Georgia Service Cancelable Loan. This loan, made to students enrolled in dental hygiene, health information

management, medical technology, nursing, occupational therapy, physical therapy, physician assistant, radiologic technologies, respiratory therapy and dentistry may be canceled by working in the state of Georgia at an approved site. Federal agencies, temporary agencies, private duty and volunteer work are not approved sites. The typical loan is \$2,000. Dentistry is \$3,500. The combination of this loan and the cash repayable Stafford Loan cannot exceed the Stafford Loan maximum. Funds are limited and renewable for prior recipients. Any remaining funds will be awarded on a first come first serve basis in order of MCG Student Financial Aid application process completion. Most funds are fully committed by early Spring.

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EMPLOYMENT AND ASSISTANTSHIPS

Federal Work-Study Program. Full-time, part-time, undergraduate, graduate and professional students may be eligible. Eligibility is based on financial need. Most jobs are located on campus. Many are community service opportunities. The average hourly rate is \$8.50. You may request consideration for the Federal Work-Study program on the MCG Student Financial Aid Application. You must complete the FAFSA to be considered for work-study employment.

Nurse Traineeships. Traineeships for full-time nursing students in graduate programs are offered by the MCG School of Nursing. Traineeships pay up to tuition and fees. Contact the Associate Dean for Graduate Nursing Programs concerning availability of funds.

Graduate Research Assistantships. The MCG School of Graduate Studies offers graduate research assistantships to outstanding students. The stipend is currently an estimated \$19,000 per year for a one-third time work commitment and qualifies the recipients for reduced tuition, including waiver of any non-resident fee. Contact the program director within your discipline.

OTHER ASSISTANCE

Waiver of Non-resident Fees. Students who are not legal residents of Georgia but who meet certain criteria may be granted a waiver of the non-resident fee. Write to the MCG Office of the Registrar, 1120 Fifteenth Street, Augusta, Georgia 30912-7315 for criteria.

Veteran's Benefits. Former service personnel and dependents of veterans who died or were permanently and totally disabled may be eligible for Veteran's Administration benefits. The MCG Office of the Registrar provides advisory service for students eligible for such benefits.

Other. It is also suggested that applicants check with parents' employers, professional associations, foundations and community organizations about sponsorship of scholarships, grants, or loan programs. Some hospitals offer service commitment programs. Students apply directly to the donor. School counselors, scholarship guide publications and employer personnel offices may offer information on aid sources. Investigate every possibility.

MISCELLANEOUS INFORMATION

Enrollment

Undergraduate students' full-time enrollment is 12 or more hours; three-quarter time is 9-11 hours; and half-time is 6-8 hours. Graduate Studies students' full-time enrollment is 9 or more hours and half-time is 5-8 hours. Eligibility for many types of aid and the amounts awarded vary according to course load. HOPE pays per credit hour of enrollment. Pell varies according to full, three-quarter, half or less-than-half time enrollment. Stafford and Perkins loans require at least half-time enrollment. Most Department of Health and Human Services funds require full-time enrollment. Audit hours do not count. Less than full-time enrollment may result in a reduction, cancellation, and/or repayment of your need-based awards. Notify our office in writing if you plan to take a reduced course load.

The Financial Aid Package

Most financial aid is need based. "Need" is the cost of attendance minus the family contribution (calculated from the *Free Application for Federal Student Aid*). You and your family will be expected to do as much as possible. For your contribution, this concept includes working during vacation periods and saving money for school. If you qualify for assistance, you will be offered what is called a financial aid package. If you are eligible for scholarship or grant funds, these will be included in your package to the extent that funds permit. The balance of your package will be self-help through loans and/or employment. No combination of aid can exceed the cost of attendance. Because funds are limited, your need may not be met in full. You may refuse or reduce any portion of your aid package. Changes in eligibility, receipt of outside assistance, etc. may result in reduction, cancellation or repayment of aid awarded.

Costs

The total educational cost is the sum of academic expenses plus living expenses. **Academic expenses** include appropriate tuition and fees, equipment, books, supplies, uniforms, microscope rental, field trips and malpractice insurance. These expenses vary as a result of differing program requirements and program length (9 or 12 months) and year in school. Fees are subject to change at the end of any semester. **Living expenses** include housing, board, personal expenses, health insurance and transportation. Low cost on-campus housing is available. (Note: Living expenses for family members are not considered a part of your living expenses. They are not included in your total educational costs.)

Estimated Academic Expenses

	<i>Georgia Resident Range</i>		<i>Non-Resident Range</i>	
	<i>9 Mo</i>	<i>12 Mo</i>	<i>9 Mo</i>	<i>12 Mo</i>
Undergraduate	\$ 6,068	\$ 8,455	\$ 15,692	\$ 22,891
Graduate Studies	\$ 6,496	\$ 9,512	\$ 18,046	\$ 26,837
Medicine	\$ 11,868	\$ 18,342	\$ 32,072	\$ 48,648
Dentistry	\$ 10,282	\$ 16,870	N/A	N/A

NOTE: The costs cited are for the 2003-2004 academic year.

Estimated Living Expenses

	<i>On-campus</i>	<i>Off-Campus</i>	<i>Commuter</i>
Undergraduate			
9 Month	\$ 13,725	\$ 13,725	\$ 9,720
12 Month	\$ 18,300	\$ 18,300	\$ 12,960
Graduate			
9 Month	\$ 13,725	\$ 13,725	\$ 9,720
12 Month	\$ 18,300	\$ 18,300	\$ 12,960

Educational Loans

Exhaust all available sources of assistance before borrowing. Be a well-informed borrower. Not all loans are alike; know the differences. Do not borrow more than you really need. Educational loans, when used wisely, can benefit your future.

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Please contact your department about the availability of Study Abroad Programs.

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Written Correspondence (on-campus students)

During semesters for which you are registered, all written correspondence will be mailed to your MCG box. Otherwise, we will use the address you have provided to Admissions (if applicant) or to the Registrar (if student). Please provide the Mail Room with a forwarding address if you are absent from campus for an extended period.

E-mail

We will use your e-mail address for communications which are not required by federal regulation to be printed and mailed. If you are a new applicant, please supply us with an accurate email address on the MCG Student Financial Aid Application. If you are a current student, we will use your MCG email account. It is your responsibility to check your email messages on a regular basis. E-mail correspondence is considered "**official**" correspondence. If you would like to email questions to the Office of Student Financial Aid, our email address is osfa@mail.mcg.edu. The email addresses of OSFA staff are listed on the website.

Read/Keep Copies

It is important that you carefully read all mail that you receive from MCG and your lender pertaining to your financial aid offer. Maintain a file for later reference; keep all loan statements, promissory notes, etc. until your loan has been repaid in full.

Billing/Check Disbursement

Your award letter details the types, amounts and distribution of your aid. An explanation of the award letter can be found at our website at www.mcg.edu/students/finaid. Select "Award Letter Information." Billing and disbursement of funds are handled by the Cashiers' Office. In general, if your student aid award is finalized at the time of fee billing, the aid will be credited against the charges on your bill (tuition, fees, residence housing, etc.) and you are responsible for payment of any balance due. (Federal work-study is not available for crediting since students are paid bi-weekly for actual hours worked. If your aid includes a Health Professions, Perkins, or Institutional loan, you must sign a promissory note with the Medical College of Georgia Student Loans Office. Failure to do so will void the credit to your bill.) If your aid exceeds the amount of your bill, the Cashiers' Office will mail the balance to you by the day of registration **provided** you are not an entering student and/or you have completed all your Promissory Notes with the Student Loans Office. Your bill and the credits applied to your bill can be accessed on the Office of the Registrar's website at www.mcg.edu/students/StudBill/StudentBill.html approximately ten days prior to registration except for registration period affected by holidays.

Late Awards: If your aid is not finalized in time for crediting to your bill, you are responsible for payment at the time of your **scheduled** registration. Failure to make payment will result in a late fee and/or cancellation of classes. Your aid will be made available to you during the semester.

Satisfactory Academic Progress

Student aid recipients must maintain Satisfactory Academic Progress toward program completion. Standards must be met in order for aid to be continued. The MCG Satisfactory Academic Progress Policy for financial aid eligibility is available on the MCG Office of Student Financial Aid website.

Refund of Title IV/Refunds

Students who withdraw or otherwise terminate their enrollment may be required to repay all or a portion of the aid received based on a percentage of the enrollment period attended. Details of the calculation and the prescribed order of refund distribution are available in the MCG Office of Student Financial Aid or on the OSFA website. Select "Title IV/Institutional Policies."

Tax Laws

Regarding scholarships, it is the recipient's responsibility for determining whether the scholarship, in whole or part, is included in gross income under Section 117 of the Internal Revenue Service Code. Beginning January 1, 1998, borrowers who have taken out education loans for themselves, their spouse, or their dependent(s) generally may deduct, on their federal income tax form, the interest they **paid during the tax year** on these loans.

Final Notes

If you have questions, call the MCG Office of Student Financial Aid at (706) 721-4901. Our office hours are 8:00 a.m.- 5:00 p.m. EST. Specific information on MCG academic programs, accreditation, facilities and policies can be found in the MCG catalog. Additionally, the MCG Admissions Bulletin provides information on the employment of graduates. Information on special services and facilities available to handicapped students may be obtained by contacting the Director of Academic Admissions at (706) 721-2725. For the Federal Student Aid Information Center call 1-(800) 433-3243.

Visit our website, www.mcg.edu/students/finaid/ to apply for aid. Select "Apply for Financial Aid" and your student type under the appropriate academic year. Follow all steps and directions carefully.

Visit our website, www.mcg.edu/students/finaid/ to complete Entrance or Exit Loan Counseling.

Visit the Department of Education website, www.ed.gov for general educational guidelines.

Visit the National Student Loans Database System website, www.nsls.ed.gov to review your loan and Pell history.

The information presented in this guide represents the best information available at the time of publication. All programs are subject to change. For more specific consumer information, contact the MCG Office of Student Financial Aid.

A Unit of the University System of Georgia



Board of Regents Policy Manual

The University System of Georgia

704.041 OUT-OF-STATE TUITION WAIVERS

An institution may waive out-of-state tuition and assess in-state tuition for:

- A. Academic Common Market. Students selected to participate in a program offered through the Academic Common Market.
- B. International and Superior Out-of-State Students. International students and superior out-of-state students selected by the institutional president or an authorized representative, provided that the number of such waivers in effect does not exceed 2% of the equivalent full-time students enrolled at the institution in the fall term immediately preceding the term for which the out-of-state tuition is to be waived.
- C. University System Employees and Dependents. Full-time employees of the University System, their spouses, and their dependent children.
- D. Medical/Dental Students and Interns. Medical and dental residents and medical and dental interns at the Medical College of Georgia (BR Minutes, 1986-87, p. 340).
- E. Full-Time School Employees. Full-time employees in the public schools of Georgia or of the Department of Technical and Adult Education, their spouses, and their dependent children. Teachers employed full-time on military bases in Georgia shall also qualify for this waiver (BR Minutes, 1988-89, p. 43).
- F. Career Consular Officials. Career consular officers, their spouses, and their dependent children who are citizens of the foreign nation that their consular office represents and who are stationed and living in Georgia under orders of their respective governments.
- G. Military Personnel. Military personnel, their spouses, and their dependent children stationed in Georgia and on active duty, unless such military personnel are assigned as students to System institutions for educational purposes. The waiver can be retained by the military personnel, their spouses, and their dependent children if the military sponsor is reassigned outside of Georgia, as long as the student(s) remain(s) continuously enrolled and the military sponsor remains on active military status (BR Minutes, May 2003).
- H. Research University Graduate Students. Graduate students attending the University of Georgia, the Georgia Institute of Technology, Georgia State University, and the Medical College of Georgia, which shall be authorized to waive the out-of-state tuition differential for a limited number of graduate students each year, with the understanding that the number of students at each of these institutions to whom such waivers are granted shall not exceed the number assigned below at any one point in time:

University of Georgia	80
Georgia Institute of Technology	60
Georgia State University	80
Medical College of Georgia	20

- I. **Border County Residents.** Residents of an out-of-state county bordering a Georgia county in which the reporting institution or a Board-approved external center of the University System is located.
- J. **National Guard Members.** Full-time members of the Georgia National Guard, their spouses, and their dependent children. (BR Minutes, April, 1998, pp. 16-17).
- K. **Students enrolled in University System institutions as part of Competitive Economic Development Projects.** Students who are certified by the Commissioner of the Georgia Department of Industry, Trade & Tourism as being part of a competitive economic development project.
- L. **Students in Georgia-Based Corporations.** Students who are employees of Georgia-based corporations or organizations that have contracted with the Board of Regents through University System institutions to provide out-of-state tuition differential waivers.
- M. **Students in Pilot Programs.** Students enrolled in special pilot programs approved by the Chancellor. The Chancellor shall evaluate institutional requests for such programs in light of good public policy and the best interests of students. If a pilot program is successful, the tuition program shall be presented to the Board for consideration.
- N. **Students in ICAPP? Advantage programs.** Any student participating in an ICAPP? Advantage program.
- O. **Direct Exchange Program Students.** Any international student who enrolls in a University System institution as a participant in a direct exchange program that provides reciprocal benefits to University System students.
- P. **Families Moving to Georgia.** A dependent student who, as of the first day of term of enrollment, can provide documentation supporting that his or her supporting parent or court-appointed guardian has accepted full-time, self-sustaining employment and established domicile in the State of Georgia for reasons other than gaining the benefit of favorable tuition rates may qualify immediately for an out-of-state tuition differential waiver which will expire 12 months from the date the waiver was granted. An affected student may petition for residency status according to established procedures at the institution.
- Q. **Recently Separated Military Service Personnel.** Members of a uniformed military service of the United States who, within 12 months of separation from such service, enroll in a program for teacher certification and demonstrate an intent to become a permanent resident of Georgia. This waiver may be granted for not more than one year.

Perkins Exit Counseling

Medical College of Georgia-Augusta, GA

All students receiving Perkins Student Loans through the Office of Financial Aid who are graduating from MCG during the current academic year, or students who have withdrawn from school **must complete on-line exit counseling**. Students who withdraw must also schedule an appointment by calling Fran Randall at (706) 721-6023. Exit interview packages will be mailed out to your MCG Student Box. A disclosure statement will be included in your exit interview package and **must be signed and returned to our office** before you can be cleared for graduation. An envelope will be enclosed for your convenience. Copies of your promissory note will be included in your package, along with deferment and cancellation forms. If you have any questions concerning your loan, or would like to schedule an exit interview to discuss your Perkins Student Loan please contact me at (706) 721-6023.

You may view your loan history at www.nslds.ed.gov.

Thank you for your cooperation.

Fran Randall
(706) 721-6023
Email: frandall@mail.mcg.edu

Perkins Exit Counseling Session Instructions

When you click on the **START button** below, you will see the information you must read. Brief test questions follow each section of text to ensure you understand the information. After answering the questions in each section, click on the Submit button at the bottom of the page to grade your answers.

If you answer all of the questions correctly, you will proceed to the next topic or section. If you do not answer a question correctly, you may try again. You will receive a message letting you know which question(s) was answered incorrectly, and you may review the content before trying to answer the question(s) again. If you are not able to answer a question correctly, online help is available or you may contact your Financial Aid Administrator to help you complete your loan counseling session.

After successfully answering the questions and completing the budget, you will access the Student Information Form. If you have any comments or questions for your school's financial office after you have completed the test, you may use the comment box provided on the form.

Note: Generally, the Back and Forward buttons on your browser will not work once you begin the counseling session. Use the buttons within the counseling to navigate.

Help

If you are experiencing problems, go to [troubleshooting](#) or request [online help](#).

To begin the Perkins Exit Counseling Session click on the Start button below.

Stafford Exit Counseling

Medical College of Georgia-Augusta, GA

All students receiving Stafford loans through the Office of Student Financial Aid who are graduating from MCG during the current academic year, or students who have withdrawn from school must complete on-line exit counseling. Students who withdraw must also schedule an appointment with their Financial Aid Advisor. Graduating students should attend ONE exit counseling session. For medical students graduating in 2003, the session is scheduled for March 19, 2003 at 12:PM in the Large Auditorium. For all other students graduating in 2003, the sessions are scheduled for April 2, 2003, and April 3, 2003 from 12:00PM to 1:00PM in the Large Auditorium. If you have any questions please call the Financial Aid Office at 706-721-4901 or contact us by email at osfa@mail.mcg.edu .

You may view your loan history at www.nsls.ed.gov .

Information on Georgia Service Cancelable Loans can be found at <http://www.gsfc.org> . You may contact Ms. Yolanda Rachel of the Georgia Student Finance Commission concerning Georgia Service Cancelable Loan repayment. The telephone number is 1-800-776-6867 or 1-770-414-3399.

Additional financial aid information is available on our web site at www.mcg.edu/students/finaid .

Average Total Graduating Debt by School - Class of 2003

Medicine	\$74,685
Dentistry	\$72,776
Graduate Studies	\$32,923
Nursing	\$17,096
Allied Health (Grad)	\$34,536
Dental Residents	\$107,810
Allied Health (UG)	\$21,907

Stafford Loan Repayment Chart - 10 Year Loan Term

Loan Balance	4.06% Interest Rate- Estimated Monthly Payment	8.25% Interest Rate - Estimated Monthly Payment
\$ 15,000	152.30	183.96
\$ 18,500	187.83	226.89
\$ 22,625	229.71	277.48
\$ 25,000	253.83	306.61

\$ 30,000	304.59	367.93
\$ 60,000	609.18	735.86
\$ 65,000	659.95	797.18
\$ 70,000	710.71	858.50
\$ 75,000	761.48	919.82
\$100,000	1015.31	1226.43

Note: 4.06% is the current Stafford interest rate. 8.25% is the maximum interest rate set by current regulations.

Thank you for your cooperation!

Office of Student Financial Aid

(706) 721-4901

Stafford Exit Counseling Session Instructions

When you click on the **START button** below, you will see the information you must read. Brief test questions follow each section of text to ensure you understand the information. After answering the questions in each section, click on the Submit button at the bottom of the page to grade your answers.

If you answer all of the questions correctly, you will proceed to the next topic or section. If you do not answer a question correctly, you may try again. You will receive a message letting you know which question(s) was answered incorrectly, and you may review the content before trying to answer the question(s) again. If you are not able to answer a question correctly, online help is available or you may contact your Financial Aid Administrator to help you complete your loan counseling session.

After successfully answering the questions and completing the budget, you will access the Student Information Form. If you have any comments or questions for your school's financial office after you have completed the test, you may use the comment box provided on the form.

Note: Generally, the Back and Forward buttons on your browser will not work once you begin the counseling session. Use the buttons within the counseling to navigate.

Help

If you are experiencing problems, go to [troubleshooting](#) or request [online help](#).

To begin the Stafford Exit Counseling Session click on the Start button below.



Board of Regents Policy Manual

The University System of Georgia

704.042 WAIVER OF MANDATORY FEES

An institution may waive mandatory fees, excluding technology fees, for:

- A. Students who reside or study at another institution.
- B. Students enrolled in practicum experiences (e.g., student teachers) or internships located at least 50 miles from the institution.
- C. Students enrolled in distance learning courses or programs who are not also enrolled in on-campus courses nor residing on campus. If a student is enrolled in courses from more than one institution during the same term, only the home institution will charge the approved technology fee to the student. Students who participate in distance education offerings as transient students will not be charged a technology fee by the transient institution. No separate technology fee shall be established for collaborative distance learning courses or programs.
- D. Students enrolled at off-campus centers, except that the institution shall be authorized to charge select fees to these students for special services subject to approval by the Board of Regents.

NOTE: For the definition of residency status, see [Section 403](#).