

General Information Academic Calendars

Allied Health Sciences Dentistry Graduate Studies Medicine Nursing

**Course Descriptions** 

Research Library Faculty

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### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu.</u> January 2000

Catalog 2000

**General Information** 

Academic Calendars

Allied Health Sciences Dentistry Graduate Studies Medicine Nursing

<u>Research</u> <u>Library</u> <u>MCG Faculty</u>

# General Information

This electronic edition of the *Medical College of Georgia Catalog* 2000 provides essential information about Georgia's health sciences university. Designed for those who already are a part of the MCG academic community as well as for new and prospective students and faculty, the descriptive material will help the inquirer learn more about MCG--its character, heritage, objectives, academic programs, admissions and degree requirements and procedures.

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### Medical College of Georgia

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## **MCG** Profile

During 1999-00, the university offered more than 40 programs in allied health sciences, dentistry, graduate studies, medicine, and nursing at the professional level. Additionally, residency training was offered in medical and dental specialty areas. The institution graduated 716 health professionals and health scientists. Additionally, more than 100 medical and dental

residents completed their training at MCG. Nearly 25,000 individuals received training and/or education through the



Medical College of Georgia's degree programs, residency training and other hospital training programs, postdoctoral studies, or continuing education.

Extramural grant and contract support for research, education, and service totalled more than \$134.2 million. Of this, \$85.8 million was in support of Georgia Correctional Health Care, our contract with the Georgia Department of Corrections to provide health care to the state's inmate population. This fiscal year, the health sciences university employed 834 faculty and 5,994 classified employees. More than 1,200 volunteer faculty served as clinical and adjunct faculty. The institution enjoyed another successful fund-raising year with more than \$9.6 million generated through individual, corporate, foundation, and organizational giving, boosting MCG Foundation assets to more than \$105 million.

Since 1956, the institution has operated the Medical College of Georgia Hospital and Clinics, the teaching hospital of the institution. The facility is a leading referral center for the state of Georgia and the region, with more than 473,000 patient visits last year in its outpatient clinics and nearly 16,000 inpatients. In response to health care needs throughout the state, faculty of the MCG schools conducted 164 community outreach clinics. Patient visits in these clinics totaled more than 50,000 last year, with 83 percent of these visits in clinics located in rural Georgia counties. Additionally, Telemedicine room use continues to increase, further extending the specialized knowledge of MCG health care professionals to citizens across the state. Copyright © 2000 Medical College of Georgia All rights reserved. Institutional Research | Medical College of Georgia

Please email comments, suggestions or questions to: <u>oiri@mail.mcg.edu</u>. January 18, 2001





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Augusta, founded as a trading post, before the Revolutionary War, was



already a cultural center for the area by 1822 when a group of physicians received a charter for the Augusta Medical Society from the State of Georgia, enabling them to receive and hold property, with the purpose of founding a medical school for the enhancement of professionalism and the suppression of charlantism.

In 1828, the Georgia General Assembly granted a formal charter for the Medical Academy of Georgia and the school began training physicians in two borrowed rooms of the City Hospital. Dr. Milton Antony and his pupil, Dr. Joseph Adams Eve, who had already been training students at the hospital, were joined by two more physicians for a faculty of four.

Read entire Historical Sketch...

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April, 2000

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## **MCG Mission Statement**

Click here to print PDF version

### 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

**SOURCE:** Office of the President

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### Medical College of Georgia

**General Information** 

### **Statement of Non-discrimination**

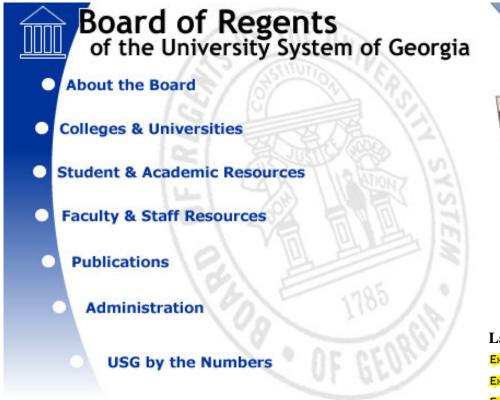
The Medical College of Georgia is an affirmative action/equal opportunity educational institution in that no person shall on the grounds of sex, race, color, creed, religion, age, national origin, sexual orientation, veteran's status or handicap be excluded from participation in or be otherwise subjected to discrimination in any educational program, activity, or facility.

### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

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### Latest News!

Extra Admissions Goals have ''Raised the Bar'' Extra Record-Setting Student Retention Extra SAT Scores, Enrollment Continue Upward

The University System of Georgia offers students higher education options at **Featured Sites:** 34 institutions throughout the state providing a wide range of academic programming, including certificates, associate, baccalaureate, master's, doctoral and professional degrees.

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REGENT	DISTRICT & TERM	ADDRESS
BARANCO, Juanita Powell	Fourth (1/01/98 - 1/01/05)	Baranco Acura 7060 Jonesboro Rd. Morrow, GA 30260 PH 770-968-5252 FAX 770-968-5507
CARTER, Hugh A., Jr.	At-Large (08/08/00 -1/01/02)	Darby Printing 6215 Purdue Drive Atlanta, GA 30336 PH 404-344-2665 FAX 404-346-3332
CATER, (Mr.) Connie	Eighth (6/18/99 - 1/01/06)	Cater Casket Co., Inc. PO Box 5687 Macon, GA 31208 PH 912-746-8969 FAX 912-746-0690
COLES, Michael J.	Sixth (1/09/01 - 1/01/08)	2450 Kirk Lane Kennesaw, GA 30152 PH 888-453-0210 FAX 817-453-0215
HARRIS, Joe Frank	Seventh (6/18/99-1/01/06)	712 West Ave. Cartersville, GA 30120 PH 404-651-2030 FAX 404-651-1202
<b>HOWELL, Hilton H., Jr.</b> (VICE CHAIR)	At-Large (6/15/98 - 1/01/04)	Atlantic American Corp. PO Box 190720 Atlanta, GA 31119-0720 PH 404-266-5505 FAX 404-266-8107
HUNT, John	Second (1/07/97 - 1/01/04)	JH Services, Inc. PO Box 1005 Tifton, GA 31793 PH 912-382-6021 FAX 912-382-5173

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LEEBERN, Donald M., Jr.	At-Large (1/01/98 - 1/05/05)	Georgia Crown Distributing Co. PO Box 43065 Atlanta, GA 30378 PH 404-344-9550 FAX 404-346-7638
MAGILL, Allene H.	Ninth (2/13/01 - 1/01/08)	Dalton Public Schools 100 S. Hamilton Street Dalton, GA 30720 PH 706-271-2601 FAX 706-226-4583
McMILLAN, Elridge W.	Fifth (1/01/96 - 1/01/03)	Southern Ed. Foundation 135 Auburn Avenue, NE Second Floor Atlanta, GA 30303 PH 404-523-0001 FAX 404-523-6904
NeSMITH, Martin W.	First (6/18/99 - 1/01/06)	NeSmith Chevrolet-Oldsmobile- Pontiac Inc. PO Box 828 Claxton, GA 30417 PH 912-739-1744 FAX 912-739-4889
SHELNUT, J. Timothy	Tenth (8/25/00 - 1/01/07)	Four Seasons Securities, Inc. PO Box 211688 Augusta, GA 30917 PH 706-868-1688 FAX 706-868-1690
<b>WHITE, Glenn S.</b> (CHAIR)	Eleventh (1/01/98 - 1/01/05)	First Bank of Gwinnett PO Box 465477 Lawrenceville, GA 30042 PH 770-237-0007 FAX 770-237-9621
WOOTEN, Joel O., Jr.	At-Large (6/18/99 - 1/01/06)	Butler, Wooten, Overby, Fryhofer, Daughtery & Sullivan PO Box 2766 Columbus, GA 31902 PH 706-322-1990 FAX 706-323-2962

USG: Members of the Georgia Board of Regents

YANCEY, James D.

Third (1/01/00 - 1/01/07) Synovus Financial Corp. 901 Front Ave. Suite 301 Columbus, GA 31901 PH 706-649-2006 FAX 706-649-4819

vacant

At-Large (1/04/95 - 1/01/02)

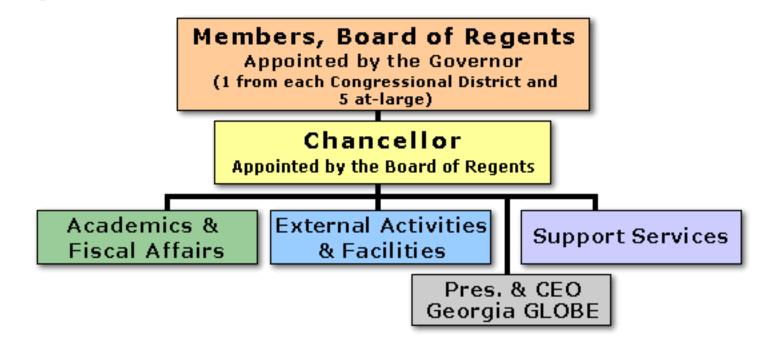
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The map below shows the location of the 34 colleges and universities of the University System of Georgia. General background information is available for each institution by clicking on either the name on the right or its corresponding number on the map on the left.



Original map © 1995 Ray Sterner, Johns Hopkins University Applied Physics Laboratory

- 1. Abraham Baldwin Agricultural College
- 2. <u>Albany State University</u>
- 3. Armstrong Atlantic State University
- 4. Atlanta Metropolitan College
- 5. Augusta State University
- 6. Bainbridge College
- 7. Clayton College & State University
- 8. Coastal Georgia Community College
- 9. Columbus State University
- 10. Dalton State College
- 11. Darton College
- 12. East Georgia College
- 13. Floyd College
- 14. Fort Valley State University
- 15. Gainesville College
- 16. Georgia College & State University
- 17. Georgia Institute of Technology
- 18. Georgia Perimeter College
- 19. Georgia Southern University
- 20. Georgia Southwestern State University
- 21. Georgia State University
- 22. Gordon College
- 23. Kennesaw State University
- 24. Macon State College
- 25. Medical College of Georgia
- 26. Middle Georgia College
- 27. North Georgia College & State University
- 28. Savannah State University
- 29. <u>South Georgia College</u>
- 30. Southern Polytechnic State University
- 31. State University of West Georgia

- 32. University of Georgia
- 33. Valdosta State University
- 34. <u>Waycross College</u> Independent Research Unit:
- 35. <u>Skidaway Institute of Oceanography</u> Partnership for Innovation:
- 36. Gwinnett University Center

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## Academics

**IRIS**: <u>Data</u>: <u>Academics</u>: Accreditation Status

### **Accreditation Status**

The Medical College of Georgia is accredited by the Commission on Colleges of the <u>Southern Association of Colleges and Schools</u> (1866 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 levels.

Programmatic accreditation is conducted by specialized accrediting bodies generally established by national professional organizations in such fields as allied health, dentistry, medicine, and nursing.

Institutional Research | Medical College of Georgia

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April, 2000

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Academics

IRIS: Data: Academics: Degrees and Certificates Offered

### **Degrees and Certificates Offered**

### School of Allied Health Sciences

*One-year Certificate in:* Diagnostic Medical Sonography Health Information Administration Nuclear Medicine Technology Radiation Therapy Technology

Advanced Certificate in: Medical Technology

### **Bachelor of Science in:**

Dental Hygiene Health Information Administration Medical Technology Occupational Therapy Physician Assistant Radiologic Sciences Respiratory Therapy

**School of Dentistry** Doctor of Dental Medicine

School of Medicine Doctor of Medicine

**School of Nursing** Bachelor of Science in Nursing

### **School of Graduate Studies**

Master of Health Education Master of Physical Therapy

*Master of Nursing with majors in:* Family Nurse Practitioner Neonatal Nurse Practitioner Nursing Anesthesia Pediatric Nurse Practitioner

### Master of Science with majors in:

Allied Health Sciences Anatomy Biochemistry Endocrinology Microbiology Pharmacology Physiology

*Master of Science in:* Medical Illustration Nursing Oral Biology

### Doctor of Philosophy with majors in:

Anatomy Biochemistry Endocrinology Microbiology Molecular Medicine Nursing Oral Biology Pharmacology Physiology Vascular Biology

SOURCE: Office of the Registrar

Last Updated: 10/31/00

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## Institutional Research | Medical College of Georgia

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April, 2000

### Catalog 2000

### **General Information**

### Admission to the Medical College of Georgia

Admission requirements and application procedures, including information pertaining to application forms, personal interviews and pre-entrance testing are available on-line for programs in <u>Allied</u> <u>Health Sciences, Dentistry, Graduate Studies, Medicine, and</u> <u>Nursing.</u>

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.

Transfer Credit

<u>Technical Standards</u> <u>Readmission of Former Students</u> <u>Transient Students</u> <u>International Student Requirements</u> <u>Enrollment of Persons 62 Years of Age or Older</u>

### Medical College of Georgia

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. January 2000

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### 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 Senior Vice President for Academic Affairs.

## 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 Senior Vice President for Academic Affairs or the Senior Vice President's designee.

### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

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### **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 pro- grams 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 <u>Jospeh</u> <u>Silny & Associates, Inc., World Education Services, Inc</u>., and <u>Educational Credential Evaluators, Inc</u>.

Scores on the Test of English as a Foreign Language (<u>TOEFL</u>) must be submitted and, for undergraduate applicants to the School of Nursing, scores on the <u>SAT</u> or the <u>ACT</u> 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 <u>Office of Academic Admissions</u>, 170 Kelly Building--Administration, Medical College of Georgia, Augusta, GA MCG Catalog - Admission Reqs

30912.

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Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01 **Board of Regents Policy Manual** 

## SECTION 400 STUDENT AFFAIRS

## **401 GENERAL POLICIES**

## **401.01 INSTITUTIONAL RESPONSIBILITY**

Admission, 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 institutions 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.

## **401.02 NON-DISCRIMINATION**

The Board of Regents stipulates that no student of the University System, on the ground of race, color, sex, religion, creed, national origin, age or handicap, be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any program or activity conducted by the Board of Regents of the University System of Georgia or any of its several institutions now in existence or hereafter established. (BR Minutes, October 1969, p. 154; 1979-80, p. 15)

## **401.03 STUDENT VOTING PRIVILEGES**

Students are encouraged to vote in all federal, state and local elections. A student whose class schedule would otherwise prevent him or her from voting will be permitted an excused absence for the interval reasonably required for voting. (BR Minutes, 1977-78, p. 245)

### **401.04 FRATERNITIES AND SORORITIES**

Each research, regional, and state university of the University System shall be authorized to decide for itself whether social fraternities and/or sororities shall be established and whether they shall be local only or affiliated with national groups. Each institution also shall be authorized to promulgate rules and regulations concerning the establishment, organization, governance, and discipline of social fraternities and sororities. (BR Minutes, 1964-65, p. 651)

Fraternities or sororities shall not be established in state or associate degree colleges of the University System. (BR Minutes, 1958-59, p. 346)

## **402 UNDERGRADUATE ADMISSIONS**

Every student admitted as an undergraduate in any University System institution must meet the requirements for one of the categories listed below and must meet any additional requirements that may be prescribed by the institution. Applicants should be advised that meeting minimum requirements will not guarantee admission at any institution. Institutions may set additional and/or higher requirements than listed here. Except as explicitly permitted in this policy manual, any exceptions to these admissions policies may be made only with written approval of the Chancellor. Students must submit transcripts of all secondary and college work and must follow the application procedures specified by the institution to which they are applying.

# 402.01 ADMISSION REQUIREMENTS FOR PROGRAMS LEADING TO THE BACCALAUREATE DEGREE

These policies apply to first time freshmen as well as to those who have not earned the equivalent of 30 semester hours of transferable college credit.

## 402.0101 FRESHMEN REQUIREMENTS

Students applying for freshmen admissions to a University System institution must meet the following criteria:

<u>College Preparatory Curriculum</u>. Completion of the University System of Georgia's College Preparatory Curriculum (CPC) requirements and graduation from a high school accredited by a regional accrediting association (such as the Southern Association of Colleges and Schools) or the Georgia Accrediting Commission or from a public school regulated by a school system and state department of education. Students applying to any institution must present credit for 16 specified CPC units; students applying to state universities and to regional universities must also present two additional academic CPC units; and applicants to research universities must present credit for four additional academic CPC units.

The 16 specified University System CPC courses are:

- a. MATHEMATICS: 4 college preparatory Carnegie units of Mathematics, including Algebra I, Algebra II, and Geometry.
- b. ENGLISH: 4 college preparatory Carnegie units of English which have as their emphasis grammar and usage, literature (American, English, World), and advanced composition skills.
- c. SCIENCE: 3 college preparatory Carnegie units of Science, with at least one laboratory course from the life sciences and one laboratory course from the physical sciences.
- d. SOCIAL SCIENCE: 3 college preparatory Carnegie units of Social Science, with at least one course focusing on United States studies and one course focusing on world studies.
- e. FOREIGN LANGUAGE: 2 college preparatory Carnegie units in the same foreign language emphasizing speaking, listening, reading, and writing.

In addition to these minimum requirements, students are encouraged to take additional academic units in high school to improve their probability for admission and success. In addition to the 16 specified units outlined above, students applying to research universities must present four additional academic Carnegie units for a total of 20 units, and students applying to regional and state universities must present two additional academic Carnegie units for a total of 18 academic Carnegie units.

<u>Freshman Index</u>. A designated score on the Freshman Index, which is based on a combination of a student's Scholastic Assessment Test (SAT I) or American College Testing (ACT) assessment scores and high school grade point average (HSGPA). The Freshman Index is:

FI = 500 x (HSGPA) + SAT I Verbal + SAT I Math or

FI = 500 x (HSGPA) + (ACT Composite x 42) + 88

The minimum Freshman Index required for admission to a research university is 2500; regional university--2040; state university--1940; and a state or associate degree college--1830.

In addition to the Freshman Index, students must have a minimum SAT I Verbal score of 430 and Mathematics score of 400 (or ACT equivalent) for admission to a university (research, regional, or state).

Students without these minimum scores but with SAT I scores of at least 330 Verbal and 310 Mathematics may be considered for admission to an associate degree college but will be required to exempt or exit LS in the areas of deficiency.

Institutions may set higher requirements for admission. Students meeting the minimum FI requirements are not guaranteed admission.

# a. EXCEPTIONS TO FRESHMAN ADMISSION REQUIREMENTS FOR SPECIAL GROUPS OF STUDENTS

Students may also be admitted as freshmen based on alternative evidence of college readiness. Following are modified or additional requirements for specific groups of applicants:

## 1. LIMITED ADMISSIONS CATEGORY

In recognition of the fact that a limited number of students do not meet established standards but do demonstrate special potential for success, institutions are authorized to grant admission to a limited number of such students. Institutions will use multiple measures whenever possible, such as interviews, portfolios, and records of experiential achievements, for students being considered for Limited Admission. The number of students who may be granted Limited Admissions will be restricted based on institutional sectors, with associate-degree colleges allowed the highest percentage for Limited Admissions. The FI required for Limited Admission to a research university is 2020; regional university--1830; state university--1790; and a state or associate degree college--1640.

Non-traditional freshmen will not be included in the Limited Admissions percentage allowed for each institution.

In addition to the FI, Limited Admission students must have a minimum SAT I Verbal score of 430 and Mathematics score of 400 (or ACT equivalent) for admission to a university (research, regional, or state). Students with SAT I scores of at least 330 Verbal and 310 Math

may be considered for Limited Admission to an associate degree college but will be required to exempt or exit LS in the areas of deficiency.

At research, regional, and state universities, students granted Limited Admission must also have completed the 16-unit CPC. At state and associate degree colleges, students may be considered for Limited Admission with 13 CPC units or completion of the technology/career preparatory diploma of the Georgia Department of Education in addition to other minimum requirements.

<u>PRESIDENTIAL EXCEPTIONS</u>: In very special and rare circumstances presidents of University System institutions may grant exceptions to the CPC and FI requirements for Limited Admissions if the student shows exceptional promise for success. Institutions will be required to report each term to the Senior Vice Chancellor for Academic Affairs the names and social security numbers of those students granted presidential exceptions and the reasons. Any such waivers granted must be included as part of the institution's maximum percentage for Limited Admissions.

Students who enter under the Limited Admissions category (including Presidential

Exceptions) must make up any CPC deficiencies in accordance with University System procedures. They must also be screened, as applicable, for placement in learning support courses using the CPE or COMPASS administered by a University System institution and must meet University System criteria for exemption or exit of learning support in reading, English, and mathematics.

# 2. EQUIVALENT VALIDATION OF COLLEGE PREPARATORY CURRICULUM COMPLETION

Applicants, including home school students, who have not completed the prescribed units of the CPC from an accredited high school as specified in Section 402.0101 may validate the CPC in an alternative way. This alternative is designed to give the student the ability to demonstrate proficiency in courses preparatory to college. The alternative approach for handling exceptions for home school and other students waives the high school graduation requirement, the academic HSGPA requirement, the Freshman Index requirement, and the Carnegie unit requirements of the CPC in exchange for satisfactory performance on additional standardized tests which validate high school completion and college preparedness.

Applicants who have not completed the CPC at an accredited or approved high school as specified in Section 402.0101 must achieve designated scores on the following SAT II Subject Tests in order to demonstrate equivalency with the University System of Georgia's CPC. The required seven SAT II subject area tests are: English Writing, Literature, Math IC or Math IIC, American History & Social Studies, World History, Biology, and one of the following: Chemistry or Physics.

Students must also demonstrate proficiency in a foreign language at the level of two years of high school study. Institutions must assess both oral and written knowledge and skills in order to evaluate student foreign language proficiency.

Universities which require two to four additional academic units beyond the CPC for freshman admission are permitted to make professional judgments of the applicant's additional subject matter competency based upon the applicant's pattern of scores on SAT II Subject Tests, portfolio assessment, or other evidence of academic achievement.

Students who pass all seven SAT II Subject Tests and demonstrate foreign language proficiency at the level of two years of high school study will not be counted in the institution's Limited Admissions (including Presidential Exceptions) category.

While students in this category may be admitted without the required FI, they must meet the minimum SAT I requirements for the institution to which they apply.

## 3. ADMISSION OF STUDENTS WITH OUTSTANDING SCORES

Students who demonstrate very high academic ability by achieving a composite SAT I-Composite (Verbal + Math) score in the upper five percent of national college-bound seniors according to the most recent report from the College Board and who show other evidence of college readiness may be admitted under this section. (An ACT score which is equivalent to this SAT I score may also be used.) Institutions must carefully evaluate such students to determine their ability to benefit from college coursework. Students must satisfy any CPC deficiencies in areas other than English or mathematics through college coursework.

Students admitted in this section will not count in an institution's Limited Admissions exceptions.

4. ADMISSION OF INTERNATIONAL STUDENTS

Freshman international students may be admitted in another admissions category or may be admitted in a separate category for international students under procedures established by the University System of Georgia. If these students do not meet the alternative admission procedures established under the University System of Georgia, they might be considered as Presidential Exceptions.

## 5. ADMISSION OF STUDENTS WITH DISABILITIES

Because the core curriculum of each institution requires students to complete college-level courses in English, mathematics, social science, and science, all students must complete the high school CPC in these areas. Students with disabilities that preclude the acquisition of a foreign language may petition for admission without this CPC requirement according to procedures established by the System. Students with disabilities are expected to meet the sector's minimum

SAT I or ACT score requirements but should request the appropriate testing accommodations from the agencies administering the SAT I or ACT.

6. JOINT ENROLLMENT/EARLY ADMISSION OF HIGH SCHOOL STUDENTS/ POSTSECONDARY OPTIONS

The University System of Georgia recognizes the need to provide academically talented high school students with opportunities for acceleration of their formal academic programs. This recognition has led to the development of two organized programs: (1) a joint enrollment program in which a student, while continuing his/her enrollment in high school as a junior or senior, enrolls in courses for college credit; and (2) an early admission program in which the student enrolls as a full-time college student following completion of the junior year in high school. The minimum admission standards for both the joint enrollment and early admission programs have been developed to allow certain advanced students to receive both high school and college credit for some courses. Students enrolled in Georgia's public high schools who are interested in either of these program may be eligible for tuition reimbursement under the State's Postsecondary Options (PSO) program. Further information is available from the student's high school.

## 402.0102 UNDERGRADUATE ADMISSION REQUIREMENTS FOR TRANSFER STUDENTS

Students with fewer than 30 transferable semester credit hours must meet the freshman admission requirements at the institution to which they are transferring. Students who have earned 30 or more semester hours must have completed any learning support and CPC deficiency requirements if transferring from a System institution. Depending on the sector of the institution to which students transfer, students must meet the transfer grade point average, as indicated in the following table:

SECTOR	30-59 *SEMESTER CREDITS	60 OR MORE SEMESTER CREDITS
Research Universities	At least 2.3 GPA** and have met all LS and CPC requirements	At least 2.3 GPA**
Regional and State Universities	At least 2.0 GPA** and have met all LS and CPC requirements	At least 2.0 GPA**
State and Associate Degree Colleges		Eligible to continue or return to sending institution

## MINIMUM SYSTEM ADMISSION STANDARDS FOR TRANSFER STUDENTS

\* Transferable Hours are defined as hours which would be acceptable by the receiving institution according to the University System's and the receiving institution's prevailing policies. Excluded are institutional credit courses, CPC deficiency makeup courses, and vocational courses. These hours should include transferable hours earned at all postsecondary institutions attended.

\*\*Transfer GPA is defined as the GPA calculated on all transferable hours (see previous definition) plus all attempted but unearned hours at regionally accredited institutions in courses applicable to transfer programs at the receiving institution.

Students completing non-transfer associate degrees (e.g., Associate of Applied Science, Associate of Science in various health areas, and Associate of Applied Technology) at regionally accredited institutions will be evaluated on an individual basis to determine their eligibility for admission.

<u>Priority Consideration</u>. In addition to the minimum transfer standards listed above, students must meet higher System and/or institutional standards to be considered for priority transfer admission. Institutions must give priority consideration for admission to students transferring from another University System institution who meet these established standards. Students meeting these higher standards would be ensured of receiving priority consideration for admission. In addition, transfer students must be given the same consideration as native students in determining program admissibility.

## **402.0103 NON-TRADITIONAL FRESHMEN**

In order to make the University more accessible to citizens who are not of traditional college-going age and to encourage a higher proportion of Georgians to benefit from life-long learning, institutions may admit as many non-traditional students as is appropriate based on institutional mission, academic programs, and success in retaining and graduating non-traditional students. The number of non-traditional students an institution enrolls will not be counted against the percent of Limited Admissions allowed each institution.

Non-traditional applicants are defined as individuals who meet all of the following criteria:

- 1. Have been out of high school at least five years or whose high school class graduated at least five years ago.
- 2. Hold a high school diploma from an accredited or approved high school as specified in Section 402.0101 or have satisfactorily completed the GED.
- 3. Have earned fewer than 30 transferable semester credit hours.

4. Have not attended college within the past five years (or are in good standing at the last college attended if admitted to that college as a non-traditional student).

Although institutions may set admissions criteria for non-traditional students, such students must be screened for placement in learning support courses using the CPE or COMPASS administered by a University System institution and must meet University System criteria for exemption or exit of learning support in reading, English, and mathematics.

## 402.0104 PERSONS AGED 62 OR OVER

Pursuant to the provisions of the Georgia Constitution, the University System of Georgia establishes the following rules with respect to enrollment of persons 62 years of age or older in programs of the University System. To be eligible for enrollment under this provision such persons:

- a. Must be residents of Georgia, 62 years of age or older at the time of registration, and shall present a birth certificate or other comparable written documentation of age to enable the institution to determine eligibility.
- b. May enroll as a regular or auditing student in courses offered for resident credit on a "space available" basis without payment of fees, except for supplies, laboratory or shop fees.
- c. Shall meet all System and institution undergraduate or graduate admission requirements; however, institutions may exercise discretion in exceptional cases where circumstances indicate that certain requirements such as high school graduation and minimum test scores are inappropriate. In those instances involving discretionary admission institutions will provide diagnostic methods to determine whether or not participation in Learning Support will be required prior to enrollment in regular credit courses. Reasonable prerequisites may be required in certain courses.
- d. Shall have all usual student and institutional records maintained; however, institutions will not report such students for budgetary purposes.
- e. Must meet all System, institution, and legislated degree requirements if they are degree-seeking students.
- f. May not enroll in dental, medical, veterinary, or law schools under the provisions of this policy.

## 402.02 ADMISSION REQUIREMENTS FOR UNDERGRADUATE PROGRAMS NOT LEADING TO THE BACCALAUREATE DEGREE

## 402.0201 ADMISSION TO CAREER PROGRAMS

Admissions requirements for career certificates and career degrees (Associate of Applied Science degrees and Associate of Science degrees in allied health areas) depend upon the extent to which the general education component is based on Core Curriculum courses. There are two sets of admissions requirements (specified in Academic Affairs Handbook, Section 3.02.01): 1) for programs with a Core-based general education component (allowing more than 12 semester hours of Core curriculum course work) and 2) for programs with non-Core general education components (allowing 12 or fewer semester hours of Core Curriculum coursework).

Students admitted in the career degree or certificate category who have not completed a career degree may apply for admission to programs that lead to a baccalaureate degree if they meet regular or Limited Admission requirements. Students admitted in this category can be admitted into a program leading to a baccalaureate only if a) on admission to the institution they would have met the requirements for regular

or Limited Admission or b) they show exceptional promise and are admitted as a Presidential Exception. Students admitted in this category must fulfill all learning support and CPC requirements.

# 402.0202 ADMISSION OF STUDENTS TO CERTIFICATE PROGRAMS AT DESIGNATED VOCATIONAL DIVISIONS

Students admitted to vocational divisions at Bainbridge College, Clayton College & State University, Coastal Georgia Community College, and Dalton State College are not required to meet the CPC and FI standards for regular or Limited Admissions; however, they are required to meet the admissions standards established by the Department of Technical and Adult Education for the same or similar programs, and they must meet prerequisite requirements for Core Curriculum courses. A student seeking admission to a transfer program must meet the requirements for freshman or transfer admissions.

## 402.0203 ADMISSION OF NON-DEGREE STUDENTS

a.Institutions may permit students to enroll as non-degree students for a maximum of 10 semester credit hours (including institutional credit). Students may not enroll in any course for which there is a learning support prerequisite unless they have been screened for and have exempted the relevant learning support course.

b.Institutions may permit students who have earned the baccalaureate degree from a regionally accredited institution to enroll as non-degree students in courses with no limitation on the number of hours of undergraduate credit these students can earn.

## **402.0204 ADMISSION OF TRANSIENT STUDENTS**

An applicant who is enrolled in one college or university and who wishes to take courses temporarily in another college or university shall submit the documents outlined in the Academic Affairs Handbook.

## 402.0205 ADMISSION OF AUDITORS

Students who submit evidence of graduation from a high school as specified in Section 402.0101 or a GED certificate may register as auditors. Under extraordinary circumstances, the president may waive the requirement of a high school diploma or equivalent. Students registered as auditors shall be required to pay the regular tuition and fees for enrollment.

## 402.0206 ADMISSION TO SEMINARS, SHORT COURSES, AND INSTITUTES

Applicants seeking admission to seminars, short courses, and institutes with a curriculum that carries academic credit shall be required to meet all requirements prescribed for admission.

## **402.03 ADDITIONAL ADMISSIONS POLICIES**

## 402.0301 IN GENERAL

In addition to the general admissions policies described above, each unit of the University System may increase the requirements, entry levels, and/or testing procedures for general admission to the institution or to special programs at the undergraduate or graduate levels provided they do not conflict with University System of Georgia policies. Institutions should make available appropriate admissions information to students.

## 402.0302 REFERRAL OF STUDENTS TO OTHER INSTITUTIONS

Institutions should actively assist Georgia applicants who have been denied admission to find another institution which more appropriately matches their academic credentials.

# 402.0303 RIGHT TO REFUSE ADMISSION

Each unit of the University System reserves the right to refuse admission to a non-resident of Georgia, to an applicant whose admission would cause the institution to exceed its maximum capacity, to an applicant whose request for admission is only to a program that is already filled, to an applicant whose transcript(s) are from an unaccredited institution or who is otherwise ineligible for admission.

# 402.0304 RIGHT TO LIMIT ADMISSIONS

The Chancellor may limit the number of students admitted to an institution.

## 402.0305 SOCIAL SECURITY NUMBERS

Students applying for admission to an institution of the University System of Georgia must furnish their social security numbers on the printed application form. The social security number will provide permanent and lasting identification of each student.

### **403 STUDENT RESIDENCY**

### 403.01 OUT-OF-STATE ENROLLMENT

Without the approval of the Chancellor, a University System institution is not authorized to enroll a greater percentage of out-of-state students than it enrolled during the Spring, 1995, academic term. (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 a showing that he or she has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration.

(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 person is under 18 years of age, he or she may register as an in-state student only upon a showing that his or her supporting parent or guardian has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration.
- C. If a parent or legal guardian of a minor changes his or her legal residence to another state following a period of legal residence in Georgia, the minor may continue to take courses for a period of twelve consecutive months on the payment of in-state tuition. After the expiration of the twelve-month period, the student may continue his or her registration only upon the payment of tuition at the out-of-state rate.
- D. In the event that a legal resident of Georgia is appointed as guardian of a nonresident minor, such minor will not be permitted to register as an in-state student until the expiration of one year from the date of court appointment, and then only upon a proper showing that such appointment was not

made to avoid payment of the out-of-state tuition.

E. 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.

# **403.03 TUITION DIFFERENTIAL WAIVERS**

See <u>section 704.0302</u> for instances in which an institution may waive the differential between in state and out-of-state tuition.

# 404 REGENTS' FINANCIAL ASSISTANCE

# 404.01 REGENTS' OPPORTUNITY GRANTS PROGRAM

The 1978 General Assembly (H.B. 1463) amended the law creating the Georgia Higher Education Assistance Authority so as to authorize the Board of Regents to award grants, scholarships, or cancelable loans to economically disadvantaged students who are residents of Georgia enrolled in a graduate or professional degree program in a university of the University System.

In compliance with provisions of this Act, the Board adopted the following criteria for the award of such scholarships:

- A. Each institution shall submit an annual request to the Chancellor for a specific number of scholarships and grants based upon estimated numbers of eligible candidates in the following year. The Board of Regents shall annually allocate the available positions to the Institutions based on the objectives and needs of the institutions of the University System. The Board of Regents will notify the Higher Education Assistance Authority of the total amount of funds they are to disburse to each institution.
- B. To attract the most talented students from the target groups to programs within the University System, 100 scholarships and grants in the amount of \$5,000 each per academic year shall be offered. These scholarships and grants may be utilized as part of a total student financial aid package.
- C. Each institution awarding the scholarships and grants shall be responsible for determining compliance with the intent and the terms of the law establishing the scholarships and shall maintain adequate records of students receiving scholarships and grants. A recipient does not have the right to transfer this scholarship to another University System institution. Each institution will make an annual report to the Chancellor on the utilization of these funds.
- D. To remain eligible to receive funds under this program, the recipient must maintain good standing and minimum status of effective full-time graduate study, as defined by the institution in which enrolled.
- E. The scholarships are renewable and priority will be given to prior recipients who continue to meet eligibility criteria as defined by the awarding institution.
- F. Each institution will determine the timing and amount of payments on the scholarship and grant award. (BR Minutes, April 12, 1978, p. 210-211)

# 404.02 FINANCIAL NEEDS ANALYSIS

Applicants for Student Financial Aid Programs which are based on need must file an acceptable needs

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analysis which has been approved by the United states Department of Education.

All member institutions will accept and process the Free Application for Federal Student Aid (FAFSA) for Federal and State student aid programs. In addition, institutions may elect to accept and process other needs analysis systems approved by the United States Department of Education. (BR Minutes, 1986-87, p. 135)

# **405 ATHLETICS**

# 405.01 MANAGEMENT OF ATHLETIC AFFAIRS

Management and control of intercollegiate and intramural athletic affairs shall be the responsibility of the respective institutional authorities. Each institution participating in a program of intercollegiate athletics is expected to take the necessary steps to ensure that its management of the program is in compliance with the provisions of applicable federal laws and the regulations of any athletic conference with which it is affiliated. There shall be an annual audit of any separately incorporated athletic association, with a copy of the audit to be filed with the Senior Vice Chancellor for Capital Resources/Treasurer. (BR Minutes, 1983-84, p. 170)

# 405.02 ATHLETIC PROGRAMS IN ASSOCIATE DEGREE COLLEGES

The associate degree colleges in the University System are authorized to establish and participate in a program of intercollegiate and intramural athletics. Intercollegiate football programs may be established only with prior approval of the Board. (BR Minutes, 1993-94, p. 185)

# **406 DISCIPLINE OF STUDENTS**

# 406.01 WITHDRAWAL OF RECOGNITION OF STUDENT ORGANIZATIONS

The Board of Regents has determined that the use of marijuana, controlled substances or other illegal or dangerous drugs constitutes a serious threat to the public health, welfare, and academic achievement of students enrolled in the University System of Georgia. Therefore, all student organizations, including but not limited to societies, fraternities, sororities, clubs, and similar groups of students which are affiliated with, recognized by, or which use the facilities under the jurisdiction of institutions of the University System, are hereby charged with the responsibility of enforcing compliance with local, state and federal laws by all persons attending or participating in their respective functions and affairs, social or otherwise.

As provided by the Student Organization Responsibility for Drug Abuse Act, any such student organization which, through its officers, agents or responsible members, knowingly permits, authorizes or condones the manufacture, sale, distribution, possession, serving, consumption or use of marijuana, controlled substances, or other illegal or dangerous drugs at any affair, function, or activity of such student organization, social or otherwise, is hereby declared to be in violation of the laws of this state and shall have its recognition as a student organization withdrawn and, after complying with the constitutional requirements of due process, shall be expelled from the campus for a minimum of one calendar year from the date of determination of guilt. Such organization shall also be prohibited from using any property or facilities of the institution for a period of at least one year. Any lease, rental agreement or other document between the Board of Regents or the institution and the student organization which relates to the use of the property leased, rented or occupied shall be terminated for knowingly having permitted or authorized the unlawful actions described above. All sanctions imposed

by this policy shall be subject to review procedures authorized by the Board of Regents (Article VIII of the Bylaws).

An appeal to the Board of Regents shall not defer the effective date of the adverse action against the student organization pending the Board's review unless the Board so directs. Any such stay or suspension by the Board shall expire as of the date of the Board's final decision on the matter. (BR Minutes, 1989-90, p. 384)

This Policy amendment is intended to implement The Student Organization Responsibility for Drug Abuse Act of 1990 (Ga. Laws, 1990, p. 2033).

# 406.02 VIOLATIONS OF STATE OR FEDERAL LAW

A student in any unit of the University System of Georgia who is charged with or indicted for a felony or crime involving moral turpitude, may be suspended pending the disposition of the criminal charges against him. Upon request, the student shall be accorded a hearing as provided in Section 407.01 of this manual. At such hearing, the student shall have the burden of establishing that his or her continued presence as a member of the student body will not be detrimental to the health, safety, welfare or property of other students or members of the campus community or to the orderly operation of the institution. Upon final conviction, the student shall be subject to appropriate disciplinary action. (BR Minutes, 1959-60, p. 306; 1983-84, p. 168)

# 406.03 DISRUPTIVE BEHAVIOR

See section 1903.

# 406.04 ALCOHOL AND DRUGS ON CAMPUS

The Board of Regents recognizes and supports present Georgia laws with respect to the sale, use, distribution and possession of alcoholic beverages and illegal drugs, as well as the Drug-free Postsecondary Education Act of 1990 with respect to the manufacture, distribution, sale, possession or use of marijuana, controlled substances or dangerous drugs on college campuses and elsewhere. To this end, the Board has encouraged its institutions to adopt programs designed to increase awareness of the dangers involved in the use of alcoholic beverages, marijuana or other illegal or dangerous drugs by students and employees of the University System. Such programs shall stress individual responsibility related to the use of alcohol and drugs on and off the campus.

To assist in the implementation of such awareness programs, and to enhance the enforcement of state laws on the campuses of the University System, each institution shall adopt and disseminate comprehensive rules and regulations, consistent with local, state and federal laws, concerning the manufacture, distribution, sale, possession or use of alcoholic beverages, marijuana, controlled substances or dangerous drugs on the campus and at institutionally

approved events off campus. Disciplinary sanctions for the violation of such rules and regulations shall be included as a part of each institution's disciplinary code of student conduct.

Disciplinary sanctions for students convicted of a felony offense involving the manufacture, distribution, sale, possession or use of marijuana, controlled substances or other illegal or dangerous drugs, shall include the forfeiture of academic credit and the temporary or permanent suspension or expulsion from the institution. All sanctions imposed by the institution shall be subject to review procedures authorized

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by the Board of Regents (Article VIII of the Bylaws).

The rules and regulations adopted by each institution shall also provide for relief from disciplinary sanctions previously imposed against one whose convictions are subsequently overturned on appeal or otherwise.

An appeal to the Board of Regents shall not defer the effective date of the adverse action against the student pending the Board's review unless the Board so directs. Any such stay or suspension by the Board shall expire as of the date of the Board's final decision on the matter.

A copy of the rules and regulations adopted by each institution shall be filed with and approved by the office of the Vice Chancellor for Student Services of the Board of Regents and shall be reviewed and approved by said office annually thereafter. (BR Minutes, 1989-90, p. 383)

This policy amendment is intended to implement The Drug-Free Postsecondary Education Act of 1990 (Ga. Laws, 1990, p 2037)

# 407 APPEALS

# 407.01 ADMISSIONS OR SUSPENSION APPEALS

Whenever an applicant for admission to any institution is denied admission or feels that an application has not been given due consideration or whenever a student is expelled or suspended, such applicant or student shall have the right to appeal in accordance with the following procedure (these procedures do not apply to residence classification appeals):

A. The person aggrieved shall appeal in writing to the president of the institution within five days after the action of which the person complains. The president of the institution within five days appoints a committee composed of three members of the faculty of the institution or utilizes the services of an appropriate existing committee. This committee shall review all facts and circumstances connected with the case and shall within five days make its findings and report thereon to the President. After consideration of the committee's report, the president shall within five days make a decision which shall be final so far as the institution is concerned.

B. Should the aggrieved person be dissatisfied with said decision, application may be made to the Board of Regents, without prejudice, for a review of the decision. The application for review shall be submitted in writing to the Board's Senior Legal Officer within a period of 20 days, following the decision of the President. This application for review shall state the decision complained of and the redress desired. A review by the Board is not a matter of right, but is within the sound discretion of the Board. If the application for review is granted, the Board, or a committee of 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 Board shall render its decision thereon within sixty days from the filing date of the application for review or from the date of any hearing which may be held thereon. The decision of the Board shall be final and binding for all purposes. (BR Minutes 1962-63, pp. 244-245; 1967-68, pp. 750-751; 1973-74, pp. 176-177)

# 407.02 GRADE, PARKING, AND RESIDENCY APPEALS

Final judgment on all appeals regarding residency, student grades, or traffic citations rests with the president of the institution at which the appeal is heard. (BR Minutes, April 1995)

# **407.03 APPEALS ON OTHER MATTERS**

Appeals by or on behalf of students on other matters shall be made according to Article VIII of the Bylaws of the Board of Regents.

# **408 IMMUNIZATIONS**

# 408.01 IMMUNIZATION AGAINST DISEASE DURING AN OUTBREAK/EPIDEMIC

During an epidemic or a threatened epidemic of any disease preventable by immunization on a campus of the University System, and when an emergency has been declared by appropriate health authorities of this state, the president of that institution is authorized, in conjunction with the Chancellor and appropriate health authorities, to promulgate rules and regulations specifying those diseases against which immunizations may be required.

Any individual who cannot show proof of immunity or adequate immunization and refuses to be immunized shall be excluded from any institution or facility of the University System until such time as he/she presents valid evidence that he/she is immunized against the disease or the epidemic or threat no longer constitutes a significant public health danger. (BR Minutes, 1989-90, p. 406)

# **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 the concurrence of the Chancellor, there is a substantial risk of exposure to other communicable diseases preventable by vaccination. (BR Minutes, 1990-91, p. 114)

# **409 STUDENTS IN THE ARMED FORCES**

For policy concerning Military Service Refunds, refer to Section 704.0401.

# 410 UNIVERSITY SYSTEM STUDENT ADVISORY COUNCIL

There shall be a University System of Georgia Student Advisory Council which shall provide a forum for communication and recommendation between the students of the University System and the Chancellor, the Board of Regents, the state government, and the public, concerning problems and issues which are important in providing information and assistance in programs and activities of the member institutions.

This Council shall meet at least once annually with the Chancellor (or the Chancellor's designee) and her or his staff for the purpose of discussing plans and growth of the University System of Georgia and various problems connected therewith. The Council shall also meet at least once annually with the Board of Regents of the University System of Georgia.

Membership of the University System Student Advisory Council shall be composed of duly elected student body presidents, or equivalent elected officers, of institutions in the University System of Georgia. The organization and governance shall be according to a constitution and by-laws approved by the Board of Regents. The Student Advisory Council shall create bylaws that will be reported to the Board of Regents for information purposes.

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[<u>Board of Regents</u>] [<u>Leave a Comment</u>] Last Updated: January 12, 2001 © 2001 <u>University System of Georgia Board of Regents</u> Information For Prospective Students at the Medical College of Georgia

# Medical College of Georgia Information For Prospective Students



Projections for ideal career opportunities for the 21st century consistently place health care near the top of the list. That's no surprise. The field always has offered career satisfaction, prestige and good salaries, even at entry-level positions. And the field never has been more dynamic than now. MCG offers a wide range of outstanding educational programs, and we encourage you to explore the opportunities available at Georgia's health sciences university.

### **Career Opportunities in Health Science**

Follow the links below to career information, admission requirements and application materials.

- Biomedical Sciences
- Dentistry
- Dental Hygiene
- Health Information Administration
- Medical Illustration
- <u>Medical Technology</u>
- <u>Medicine</u>
- Occupational Therapy
- Physical Therapy
- <u>Physician Assistant</u>
- <u>Nursing</u>
- <u>Radiologic Sciences</u>
- <u>Respiratory Therapy</u>

### **Additional Information Links**

- <u>Multicultural Affairs and Summer Programs</u>
- MCG Catalog
- Housing
- Student Financial Aid
- MCG Crime Statistical Information

### Visiting the Medical College of Georgia

- Sign Up for a Visit to Campus
- Augusta Map and Driving Directions
- Campus Map and Virtual Campus Tour

### Information for Prospective Students Medical College of Georgia

Please email comments, suggestions or questions to: <u>Academic Admissions</u>

January 18, 2001

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http://www.mcg.edu/prospective.htm (1 of 2) [01/31/2001 9:59:32 AM]

Information For Prospective Students at the Medical College of Georgia

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**General Information** 

# **Core Curriculum for Bachelors Degrees**

The foundation for baccalaureate degrees in the University System of Georgia is a six-area core curriculum which guides students' coursework during their freshman and sophomore years. The first five areas of the core (A-E) are applicable, for the most part, to any bachelors degree program in the System. The sixth area (F) is determined by the student's choice of major. Since MCG does not teach core curriculum courses, all courses in the following charts must be transferred to MCG from another college or university. Students are encouraged to follow the MCG core curriculum guidelines as closely as possible when selecting freshman and sophomore courses.

<u>Core Curriculum for the School of Nursing</u> <u>Core Curriculum for the School of Allied Health Sciences</u>

### Medical College of Georgia

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu.</u> January 2000

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### **Additional Information Links**

- <u>Multicultural Affairs and</u> <u>Summer Programs</u>
- <u>MCG Catalog</u>
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- Student Financial Aid

# School of Nursing Core Curriculum

A. Essential Skills	9 semester hours
• English Composition I (3 hour	s)
• English Composition II-Litera	ture based (3 hours)
• College Algebra, Mathematica Pre-calculus or Calculus (3 ho	
B. Institutional Options	4 - 5 semester hours
<ul> <li>University System of Georgia has contaken at that USG institution or at an MCG accepts transfer credit, MCG with student planning to transfer from a set System of Georgia should choose from a set of the Introduction to Computers</li> <li>Critical Thinking</li> <li>Creative Writing</li> </ul>	other institution from which vill accept the area as satisfied. <i>A</i> chool not in the University
<ul><li>Ethics</li><li>Health and Wellness</li></ul>	
• Statistics	
• Economics	
• Speech	
• Technical/Scientific Writing	
• Any approved guided elective	from Area F

- 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 10 - 11 semester hours Technology

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

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 USG 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 following list of courses:

- 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 ho	ours
Area F consists of 18 hours of lower div courses related to the nursing program of courses required in major. REQUIRED:	<b>`</b>	,
Anatomy and Physiology		8 hours
Microbiology		4 hours
Applied Statistics*		3 hours
Guided electives from sociology, psych human growth and development (Huma development highly recommended.)		3 hours
*If this course is taken in another area of be available to be taken in guided elect		ours would

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	Medical College of Georgia
gia	Please email comments, suggestions or questions to:
	Academic Admissions

October 30, 2000

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#### Catalog 2000

**General Information** 

# Core Curriculum for Bachelors Degrees in School of Allied Health Sciences

Associated Dental Sciences (Dental Hygiene) Health Information Management Medical Technology Occupational Therapy Physician Assistant Radiologic Sciences Respiratory Therapy

### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu.</u> January 2000

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- <u>Respiratory Therapy</u>

### **Additional Information Links**

- <u>Multicultural Affairs and</u> <u>Summer Programs</u>
- <u>MCG Catalog</u>
- Housing
- Student Financial Aid

# Core Curriculum for Associated Dental Sciences (Dental Hygiene)

A. Essential Skills	9 semester hours
• English Composition I (3 hours)	
• English Composition II-Literature b	ased (3 hours)
<ul> <li>College Algebra, Mathematical Mod Pre-calculus or Calculus (3 hours)</li> </ul>	leling, Trigonometry,
B. Institutional Options	4 - 5 semester hours
University System of Georgia has complet taken at that USG institution or at another MCG accepts transfer credit, MCG will ac student planning to transfer from a school System of Georgia should choose from the Introduction to Computers Critical Thinking Creative Writing Ethics Health and Wellness Statistics Economics Speech	institution from which cept the area as satisfied. A not in the University following list of courses:
• Any approved guided elective from	

- 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	10 - 11 semester
Technology	hours

(1) One four-hour laboratory science course, one three-hour non-laboratory science course and an additional three-hour course in science, mathematics or technology or (2) two four-hour laboratory science courses and an additional three-hour course in science, mathematics or technology.

E. Social Sciences 12 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 at that USG 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 following list of courses:

- 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
Area F consists of 18 ho courses related to the pr required in major.		n (1000- and 2000-level) erequisite to courses
Speech (Required)*		3 hours*
Anatomy and Physiolog (Required)	gy I and II	8 hours
Sociology (Required)*		3 hours*
Chemistry (Required)*		3 hours*
Guided approved electiv	ves:	1-9 hours
<ul> <li>Statistics Educational</li> <li>Psychology</li> <li>Child Psychology Health</li> <li>Psychology</li> <li>Consumer Behavior</li> <li>Economics</li> <li>Computer Science</li> </ul>	<ul> <li>Social Problems</li> <li>Sociology of Aging</li> <li>Gerontology</li> <li>Racial and Ethnic Minority Groups</li> <li>Methods in Social Research</li> <li>Abnormal Psychology</li> </ul>	

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#### **Additional Information Links**

- <u>Multicultural Affairs and</u> <u>Summer Programs</u>
- <u>MCG Catalog</u>
- Housing
- Student Financial Aid

# **Core Curriculum for Health Information Administration**

A. Essential Skills	9 semester hours
• English Composition I (3 hours)	
• English Composition II-Literature ba	ased (3 hours)
<ul> <li>College Algebra, Mathematical Mod Pre-calculus or Calculus (3 hours)</li> </ul>	leling, Trigonometry,
B. Institutional Options	4 - 5 semester hours
taken at that USG institution or at another in MCG accepts transfer credit, MCG will acc student planning to transfer from a school n System of Georgia should choose from the	cept the area as satisfied. not in the University
MCG accepts transfer credit, MCG will acc student planning to transfer from a school r	cept the area as satisfied. not in the University
MCG accepts transfer credit, MCG will acc student planning to transfer from a school r System of Georgia should choose from the	cept the area as satisfied. not in the University
<ul> <li>MCG accepts transfer credit, MCG will accepted accepts transfer credit, MCG will accepted acc</li></ul>	cept the area as satisfied. not in the University
<ul> <li>MCG accepts transfer credit, MCG will accepted accepts transfer credit, MCG will accepted acc</li></ul>	cept the area as satisfied. not in the University
<ul> <li>MCG accepts transfer credit, MCG will accepted accepts transfer credit, MCG will accepted acc</li></ul>	cept the area as satisfied. not in the University
<ul> <li>MCG accepts transfer credit, MCG will accepted accepts transfer from a school restricted and the student planning to transfer from a school restricted accepted accep</li></ul>	cept the area as satisfied. not in the University
<ul> <li>MCG accepts transfer credit, MCG will accepted student planning to transfer from a school in System of Georgia should choose from the <ul> <li>Introduction to Computers</li> <li>Critical Thinking</li> <li>Creative Writing</li> <li>Ethics</li> <li>Health and Wellness</li> </ul> </li> </ul>	cept the area as satisfied. not in the University
<ul> <li>MCG accepts transfer credit, MCG will accepted student planning to transfer from a school n System of Georgia should choose from the <ul> <li>Introduction to Computers</li> <li>Critical Thinking</li> <li>Creative Writing</li> <li>Ethics</li> <li>Health and Wellness</li> <li>Statistics</li> </ul> </li> </ul>	cept the area as satisfied. not in the University
<ul> <li>MCG accepts transfer credit, MCG will accepted at the student planning to transfer from a school in System of Georgia should choose from the <ul> <li>Introduction to Computers</li> <li>Critical Thinking</li> <li>Creative Writing</li> <li>Ethics</li> <li>Health and Wellness</li> <li>Statistics</li> <li>Economics</li> </ul> </li> </ul>	cept the area as satisfied. not in the University following list of courses:

- 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

### Either:

- One four-hour laboratory science course
- 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
- and an additional three-hour course in science, mathematics or technology.

E. Social Sciences	12 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 at that USG 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 following list of courses:

- United States History
- United States Government
- Psychology
- Sociology
- Anthropology

н.

Group Process	
Human Development	
Social Problems	
• Racial and Ethnic Minority Groups	
F. Courses Appropriate to the Major	18 semester hours
Area F consists of 18 hours of lower division ( courses related to the program of study or prer required in major.	
Anatomy and Physiology (Two-course sequence with lab, required)	8 hours
Accounting (Required)	3 hours
Management Information Systems/Computer Application (with lab, including word processing and spreadsheets, required)	3-4 hours
Guided approved electives: Basic computer science, accounting, management, biological or social sciences.	3-4 hours

# Information for Prospective Students Medical College of Georgia

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# Core Curriculum for Medical Technology

	9 semester hours
• English Composition I (3 hours)	19
• English Composition II-Literature	e based (3 hours)
• College Algebra, Mathematical M Pre-calculus or Calculus (3 hours	e e .
B. Institutional Options	4 - 5 semester hours
University System of Georgia has comp taken at that USG institution or at anoth MCG accepts transfer credit, MCG will student planning to transfer from a scho System of Georgia should choose from	er institution from which accept the area as satisfied. A ol not in the University
<ul> <li>Introduction to Computers</li> </ul>	
<u> </u>	
Critical Thinking	
• Creative Writing	
<ul><li>Creative Writing</li><li>Ethics</li></ul>	
<ul><li>Creative Writing</li><li>Ethics</li><li>Health and Wellness</li></ul>	
<ul> <li>Creative Writing</li> <li>Ethics</li> <li>Health and Wellness</li> <li>Statistics</li> </ul>	
<ul> <li>Creative Writing</li> <li>Ethics</li> <li>Health and Wellness</li> <li>Statistics</li> <li>Economics</li> </ul>	
<ul> <li>Creative Writing</li> <li>Ethics</li> <li>Health and Wellness</li> <li>Statistics</li> <li>Economics</li> <li>Speech</li> </ul>	
<ul> <li>Creative Writing</li> <li>Ethics</li> <li>Health and Wellness</li> <li>Statistics</li> <li>Economics</li> </ul>	m Area F

- 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 (strongly recommended) or physics\*\*(not recommended for this program) and an additional course in science, mathematics or technology.

E. Social Sciences	12 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 at that USG 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 following list of courses.

- United States History
- United States Government
- Psychology
- Sociology
- Anthropology
- Group Process
- Human Development
- Social Problems
- Racial and Ethnic Minority Groups

Area F consists of 18 hours of lower division (1000- and 2000-level) courses related to the program of study or prerequisite to courses required in major.

Anatomy and Physiology (Recommended)	4 hours
Microbiology with Lab (Required)*	4 hours*
Biology with Lab (Required)	4 hours*
Organic chemistry (Required)*	4 hours*
Guided electives:	2-10 hours
• Chemistry sequence with lab if no taken in Area D. Courses or additional hours in Area B or D	
• Course of additional hours in area B or D to complete 18 hours	
*If this is taken in another area of the core, the hours taken would be available to be taken in guided electives.	
**If a physics sequence is taken in Area D, take an eight-hour chemistry sequence in Area F.	

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### **Additional Information Links**

- <u>Multicultural Affairs and</u> <u>Summer Programs</u>
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- <u>Housing</u>
- Student Financial Aid

# **Core Curriculum for Occupational Therapy**

	9 semester hours		
• English Composition I (3 hours)	1		
• English Composition II-Literature	e based (3 hours)		
• College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours)			
B. Institutional Options	4 - 5 semester hours		
<ul> <li>University System of Georgia has completed this area with course taken at that USG institution or at another institution from which MCG accepts transfer credit, MCG will accept the area as satisfied student planning to transfer from a school not in the University System of Georgia should choose from the following list of course</li> <li>Introduction to Computers</li> </ul>			
		<ul><li>Critical Thinking</li><li>Creative Writing</li></ul>	
<ul> <li>Ethics</li> </ul>			
• Ethes			
<ul> <li>Health and Wellness</li> </ul>			
<ul><li>Health and Wellness</li><li>Statistics</li></ul>			
• Statistics			
<ul><li>Statistics</li><li>Economics</li></ul>			
• Statistics	m Area F		

- 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

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

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 USG 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 following list of courses.

- 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

Area F consists of 18 hours of lower division (1000- and 2000-level) courses related to the program of study or prerequisite to courses required in major.

Anatomy or Anatomy and Physiology (Required)	4 hours
Chemistry or Physics with lab	4 hours*
Abnormal Psychology (Required)	3 hours
Psychology (Required)*	3 hours*
Sociology (Required)*	3 hours*
Guided electives:	1-7 hours
Human Development	
Communication	
Group Process	
• Ethics	
• Fine or Manual Arts	
*If a chemistry sequence is taken to satisfy Are physics course in Area F; if physics is taken to 4-hour chemistry course in Area F.	

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### **Additional Information Links**

- <u>Multicultural Affairs and</u> <u>Summer Programs</u>
- <u>MCG Catalog</u>
- Housing
- Student Financial Aid

# **Core Curriculum for Physician Assistant**

A. Essential Skills	9 semester hours		
• English Composition I (3 hours)	1		
• English Composition II-Literature	e based (3 hours)		
College Algebra, Mathematical Modeling, Trigonometry     Pre-calculus or Calculus (3 hours)			
B. Institutional Options	4 - 5 semester hours		
University System of Georgia has completed this area with course taken at that USG institution or at another institution from which MCG accepts transfer credit, MCG will accept the area as satisfied student planning to transfer from a school not in the University System of Georgia should choose from the following list of course			
<ul> <li>Introduction to Computers</li> <li>Critical Thinking</li> </ul>			
<ul> <li>Critical Thinking</li> <li>Creative Writing</li> </ul>			
<ul> <li>Creative Writing</li> <li>Ethics</li> </ul>			
<ul><li>Ethics</li><li>Health and Wellness</li></ul>			
<ul> <li>Health and weimess</li> <li>Statistics</li> </ul>			
<ul> <li>Statistics</li> <li>Economics</li> <li>Speech</li> <li>Any approved guided elective from Area F</li> </ul>			
		•	

- 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

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

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 USG 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 following list of courses.

- 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

Area F consists of 18 hours of lower division (1000- and 2000-level)
courses related to the program of study or prerequisite to courses
required in major.

Microbiology with lab (Required)	4 hours
General Chemistry two-course sequence with lab (Required)*	8 hours*
Organic Chemistry with lab (Required)	4 hours
<ul> <li>Guided electives:</li> <li>Histology</li> <li>Genetics</li> <li>Embryology</li> <li>Comparative Vertabrate Anatomy</li> <li>Physics</li> <li>Anatomy and Physiology suggested</li> </ul>	2-10 hours
*If this is taken in another area of the core, the available to be taken in guided electives.	hours would be

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#### **Additional Information Links**

- <u>Multicultural Affairs and</u> <u>Summer Programs</u>
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# **Core Curriculum for Radiologic Sciences**

	9 semester hours
• English Composition I (3 hours)	
• English Composition II-Literature	based (3 hours)
• College Algebra, Mathematical M Pre-calculus or Calculus (3 hours)	
B. Institutional Options	4 - 5 semester hours
University System of Georgia has completate at that USG institution or at another MCG accepts transfer credit, MCG will a student planning to transfer from a school System of Georgia should choose from the Introduction to Computers	er institution from which accept the area as satisfied. A ol not in the University
<ul> <li>Critical Thinking</li> </ul>	
Creative Writing	
• Ethics	
• Health and Wellness	
• Statistics	
• Economics	
<ul><li>Economics</li><li>Speech</li></ul>	
	n Area F

- 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

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

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 USG 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 following list of courses.

- 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

Area F consists of 18 hours of lower division (1000- and 2000-level) courses related to the program of study or prerequisite to courses required in major.

Anatomy and Physiology with lab (Required)	8 hours
Statistics (Required)*	3 hours*
Physical Science/Physics with lab (Required)*	4 hours*
Pre-Calculus (Required)*	3 hours*
Guided electives:	0-10 hours
• Math	
• Science	
• Computers	
Business/Management	
• Education	
Health Professions	
• Speech	

Note: For D.M.S., Rad and R.Th majors, a least one physics or physical science course with lab is required. For N.M.T. majors, at least one general chemistry (inorganic) course with lab is 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.

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### **Additional Information Links**

- <u>Multicultural Affairs and</u> <u>Summer Programs</u>
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# **Core Curriculum for Respiratory Therapy**

	9 semester hours
• English Composition I (3 hours)	
• English Composition II-Literature	based (3 hours)
<ul> <li>College Algebra, Mathematical M Pre-calculus or Calculus (3 hours)</li> </ul>	<b>e e .</b>
B. Institutional Options	4 - 5 semester hours
<ul> <li>taken at that USG institution or at anothe MCG accepts transfer credit, MCG will student planning to transfer from a school System of Georgia should choose from t</li> <li>Introduction to Computers</li> </ul>	accept the area as satisfied. A ol not in the University
Critical Thinking	
• Creative Writing	
• Ethics	
<ul><li>Ethics</li><li>Health and Wellness</li></ul>	
• Health and Wellness	
<ul><li>Health and Wellness</li><li>Statistics</li></ul>	
<ul><li>Health and Wellness</li><li>Statistics</li><li>Economics</li></ul>	m Area F

- 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

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 USG 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 following list of courses.

- 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

Physics (Required)*	4 hours*
Statistics (Required)*	3 hours*
Guided electives:	11 - 18 hours
• Anatomy and Physiology	
Microbiology	
<ul> <li>Biology (for majors)*</li> </ul>	
• Chemistry (for major)*	
• Research Methods	
Human Development	

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<u>Information for Enrolled</u> <u>Students, Faculty and Staff:</u>

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**Academic Regulations and Calendars** 

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 <u>Kelly Administration</u> <u>Building</u> on Laney-Walker Boulevard. Office hours at 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.

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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. As we move more toward the semester system calendar in the fall of 1998, additional dates and details will be included.

School of Allied Health Sciences School of Dentistry School of Graduate Studies School of Medicine School of Nursing

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# School of Allied Health Sciences Academic Calendar

Fall Semester 1999Spring Semester 2000Summer Semester 2000Fall Semester 2000Spring Semester 2001Summer Semester 2001

## Fall Semester 1999

Orientation for New Students	August 18
Registration for Returning students	August 18 - 20
Registration for New Students	August 19
Dental Hygiene	
Radiologic Sciences	
Medical Technology	
Health Information Management	
Classes begin	August 23
Drop/Add	August 23 - 26
Labor Day holiday	September 6
Midterm: last day to withdraw from a course without a penalty	October 14
Thanksgiving recess	November 24-26
Last day of classes	December 10
Examinations	December 13 -17

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## **Spring Semester 2000**

Registration	January 4
Classes begin	January 5
Drop/Add	January 5-10
Martin Luther King, Jr. Holiday	January 17

Midterm: last day to withdraw from a course without a penalty	March 2
Spring Break	April 1-9
Last day of classes	April 26
Examinations	April 27-29 and May 1-2
Graduation	May 5

## Summer Semester 2000

Registration for Returning Students	May 10
Classes begin for Returning	May 11
Students	
Registration for New Students	May 17
Physician Assistant	
Occupational Therapy	
• Medical Technology (4 + 1)	
Classes begin for New Students	May 18
Drop/Add	May 11-16
Midterm: last day to withdraw from a course without a penalty	June 23
Independence Day holiday	July 4
Last day of classes	August 8
Examinations	August 9 - 11

# Fall Semester 2000

Orientation for New Students	August 16
Registration for Returning students	August 16 - 18
Registration for New Students	August 17
Dental Hygiene	
Radiologic Sciences	
Medical Technology	
Health Information Management	
Classes begin	August 21
Drop/Add	August 21 - 24

Labor Day holiday	September 4
Midterm: last day to withdraw from a course without a penalty	October 12
Thanksgiving recess	November 22-24
Last day of classes	December 8
Examinations	December 11 -15

# Spring Semester 2001

Registration	December 28-29 January 2-3
Classes begin	January 4
Drop/Add	January 4-9
Martin Luther King, Jr. Holiday	January 15
Midterm: last day to withdraw from a course without a penalty	February 27
Spring Break	March 31 - April 8
Last day of classes	April 26
Examinations	April 27, 28, 30 and May 1
Graduation	May 4

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## Summer Semester 2001

May 9
May 10
May 16
May 17
May 10-15
June 22

Independence Day holiday	July 4
Last day of classes	August 7
Examinations	August 8 - 10

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# **School of Dentistry Academic Calendar**

Fall Semester 1999Spring Semester 2000Summer Semester 2000Fall Semester 2000Spring Semester 2001Summer Semester 2001

## Fall Semester 1999

Orientation (for new students)	August 19
Registration (for new students)	August 19
Registration	August 18 - 20
Classes begin	August 23
Drop/Add	August 23 - 26
Labor Day holiday	September 6
Midterm: last day to withdraw from a course without a penalty	October 14
Thanksgiving recess	November 24-26
Last day of classes	December 10
Examinations	December 13 -17

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## Spring Semester 2000

Registration	January 4
Classes begin	January 4
Martin Luther King, Jr. Holiday	January 17
Midterm: last day to withdraw from a course without a penalty	March 2
Spring Break	April 1-9

Last day of classes	April 26
Examinations	April 27-29 and May 1-2
Graduation	May 5

## Summer Semester 2000

Registration	May 10
Classes begin	May 11
Drop/Add	May 11-16
Midterm: last day to withdraw from a course without a penalty	June 23
Independence Day holiday	July 4
Last day of classes	August 8
Examinations	August 9-11

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## Fall Semester 2000

Orientation (for new students)	August 17
Registration (for new students)	August 17
Registration (for returning students)	August 16 - 18
Classes begin	August 21
Drop/Add	August 21 - 24
Labor Day holiday	September 4
Midterm: last day to withdraw from a course without a penalty	October 12
Thanksgiving recess	November 22-24
Last day of classes	December 8
Examinations	December 11 -15

## **Spring Semester 2001**

Registration	December 28-29 January 2-3
Classes begin	January 3
Martin Luther King, Jr. Holiday	January 15
Midterm: last day to withdraw from a course without a penalty	February 27
Spring Break	March 31-April 8
Last day of classes	April 26
Examinations	April 27, 28, 30 and May 1
Graduation	May 4

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## Summer Semester 2001

Registration	May 9
Classes begin	May 10
Drop/Add	May 10-15
Midterm: last day to withdraw from a course without a penalty	June 22
Independence Day holiday	July 4
Last day of classes	August 7
Examinations	August 8 - 10

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# **School of Graduate Studies Academic Calendar**

Fall Semester 1999Spring Semester 2000Summer Semester 2000Fall Semester 2000Spring Semester 2001Summer Semester 2001

## Fall Semester 1999

Registration (Medicine)	August 6
Classes begin (Medicine)	August 9
Registration	August 18 - 20
Classes begin	August 23
Drop/Add	August 23 - 26
Labor Day holiday	September 6
Midterm: last day to withdraw from a course without a penalty	October 14
Thanksgiving recess	November 24-26
Last day of classes	December 10
Examinations	December 13 -17

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## **Spring Semester 2000**

Registration	January 4
Classes begin	January 5
Drop/Add	January 5-10
Martin Luther King, Jr. Holiday	January 17
Midterm: last day to withdraw from a course without a penalty	March 2
Spring Break	April 1-9
Last day of classes	April 26

Examinations	April 27-29 and May 1-2
Graduation	May 5

## Summer Semester 2000

Registration	May 10
Classes begin	May 11
Drop/Add	May 11-16
Midterm: last day to withdraw from a course without a penalty	June 23
Independence Day holiday	July 4
Last day of classes	August 8
Examinations	August 9 - 11

## **Fall Semester 2000**

Registration (with Medicine)	August 3
Classes begin (with Medicine)	August 7
Registration	August 16 - 18
Classes begin	August 21
Drop/Add	August 21 - 24
Labor Day holiday	September 4
Midterm: last day to withdraw from a course without a penalty	October 12
Thanksgiving recess	November 22-24
Last day of classes	December 8
Examinations	December 11 - 15

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# Spring Semester 2001

December 28-29 January 2-3
January 4
January 4-9

Martin Luther King, Jr. Holiday	January 15
Midterm: last day to withdraw from a course without a penalty	February 27
Spring Break	March 31 - April 8
Last day of classes	April 26
Examinations	April 27, 28, 30 and May 1
Graduation	May 4

## Summer Semester 2001

Registration	May 9
Classes begin	May 10
Drop/Add	May 10-15
Midterm: last day to withdraw from a course without a penalty	June 22
Independence Day holiday	July 4
Last day of classes	August 7
Examinations	August 8 - 10

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# **School of Medicine Academic Calendar**

Phase I for 1999-2000 Phase II for 1999-2000 Phase III Rotation Schedule for 1999-2000

Phase I for 2000 - 2001 Phase II for 2000 - 2001 Phase III Rotation Schedule for 2000 - 2001

Fall Semester 1999 for Phase I		
Registration and Orientation	August 5-6, 1999	
Classes begin	August 9, 1999	
Labor Day holiday	September 6, 1999	
Thanksgiving vacation	November 24-28, 1999	
Last day of classes	December 10, 1999	
Final exam week	December 13-17, 1999	
Spring Semester 2	000 for Phase I	
Classes begin	January 3, 2000	
Martin Luther King, Jr. holiday	January 17, 2000	
Spring break	April 3-9, 2000	
Last day of classes	May 12, 2000	
Final exam week	May 15-19, 2000	
Fall Semester 199	99 for Phase II	
Registration deadline	August 6, 1999	
First day of classes	August 9, 1999	
Labor Day holiday	September 6, 1999	
Thanksgiving vacation	November 24-28, 1999	
Last day of classes	December 10, 1999	
Final exam week	December 13-17, 1999	
Spring Semester 2000 for Phase II		
First day of classes	January 3, 2000	
Martin Luther King, Jr. holiday	January 17, 2000	
Spring break	April 3-9, 2000	

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Last day of classes		May 9, 2000		
Final exam week		May 10-12, 2000		
Phase III Rotation Schedule for 1999-2000				
	Begin	IS	Ends W	
June rotation for class of 2001	June 7	Ju	ıly 4	4
Clinical skills for class of 2001	July 7, 8, 9, 1	999		
July rotation	July 12	A	ugust 8	4
August rotation	August 9	S	eptember 5	4
September rotation	September 6	0	ctober 3	4
October rotation	October 4	0	ctober 31	4
November rotation	November 1	N	ovember 24	4
Thanksgiving holiday for all students	November 25	-28, 1999		
December rotation	November 29	D	ecember 19	3
Christmas holiday for all students	December 20	, 1999 - Janu	ary 2, 2000	7
Return for December rotation	January 3 January 9		1	
January rotation	January 10	Fe	ebruary 6	4
February rotation	February 7	M	larch 5	4
March rotation	March 6	A	pril 2	4
Spring holiday for all students	April 3-9, 200	00		·
April rotation	April 10	M	lay 7	4
April rotation for graduating seniors	April 10	May 3		3.5
May rotation	May 8	June 4		4
June rotation	June 5 July 2		4	
Step I United States Medical Licensing Exam	Computer Testing			
Step II United States Medical Licensing Exam	Computer Testing			
Graduation May 5, 2000				
Six-week Rotation Dates				
1. 07/12/99-08/22/99 0	2.         3.         4. 11/15/99-01/09/00           08/23/99-10/03/99         10/04/99-11/14/99         4. 11/15/99-01/09/00			

 5.
 6.
 7.

 01/10/00-02/20/00
 02/21/00-04/02/00
 04/10/00-05/21/00

8.05/22/00-07/02/00

	This schedule is subject to change.	
Last Official Date/Deadline for Dropping* and Adding 1999-2000		
June	Friday, May 14, 1999	
July	Friday, June 18, 1999	
August	Friday, July 16, 1999	
September	Friday, August 13, 1999	
October	Friday, September 10, 1999	
November	Friday, October 8, 1999	
December	Friday, November 5, 1999	
January	Friday, December 17, 1999	
February	Monday, January 14, 2000	
March	Friday, February 11, 2000	
April	April Friday, March 17, 2000	
May	Friday, April 14, 2000	
June	Friday, May 12, 2000	

Fall Semester 2000 for Phase I		
Registration and Orientation	August 3-4, 2000	
Classes begin	August 7, 2000	
Labor Day holiday	September 4, 2000	
Thanksgiving vacation	November 22-26, 2000	
Last day of classes	December 8, 2000	
Final exam week	December 11-15, 2000	
Spring Semester	2001 for Phase I	
Classes begin	January 2, 2001	
Martin Luther King, Jr. holiday	January 15, 2001	
Spring break	April 2-8, 2001	
Last day of classes	May 11, 2001	
Final exam week	May 14-18, 2001	
Fall Semester 20	000 for Phase II	
Registration deadline	August 4, 2000	
First day of classes	August 7, 2000	

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Labor Day holiday	Septem		ber 4, 2000	
Thanksgiving vacation		November 22-26, 2000		
Last day of classes		Deceml	per 15, 2000	
Final exam week		December 11 - 15, 2000		
Spring S	emester 20	) 001 for	Phase II	
First day of classes		January	3, 2001	
Martin Luther King, Jr.	holiday		15, 2001	
Spring break			-8, 2001 (Master's	Week)
Last day of classes		May 8,		
Final exam week				
			11, 2001	
Phase III Rot	1			1
	Begii	ns	Ends	Weeks
June rotation for class of 2002	June 5		July 4	4
Clinical skills for class of 2002	July 5 - 7, 20	00		
July rotation	July 10		August 6	4
August rotation	August 7		September 3	4
September rotation	September 4		October 1	4
October rotation	October 2		October 29	4
November rotation	October 30		November 22	4
Thanksgiving holiday for all students	November 23	3-26, 2000	)	
December rotation	November 27		December 17	3
Christmas holiday for all students	December 18, 2000 - January 1, 2001		1	
Return for December rotation	January 2		January 7	1
January rotation	January 8		February 4	4
February rotation	February 5		March 4	4
March rotation	March 5		April 1	4
Spring holiday for all students	April 2 - 8, 2001		1	
April rotation	April 9		May 6	4
April rotation for graduating seniors	April 9		May 2	3.5
May rotation	May 7		June 3	4
June rotation	June 4		July 1	4

Gradua	ation	May 4, 200	May 4, 2001		
	Six-week Rotation Dates				
	1. 07/10/00-08/20/00	2. 08/21/00-10/01/00	3. 10/02/00-11/12/00	4. 11/13/99-01/07/01	
	5. 01/08/01-02/18/01	6. 02/19/01-04/02/00	7. 04/9/01-05/20/01	8.05/21/01-07/01/01	
	This schedule is subject to change.				

\*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 transcripts with the designation "W" (withdrew). The student will not be allowed to enroll in another elective for credit during this period.

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# School of Nursing Academic Calendar

Fall Semester 1999Spring Semester 2000Summer Semester 2000Fall Semester 2000Spring Semester 2001Summer Semester 2001

## Fall Semester 1999

Orientation & Registration for new RN/BSN students (Barnesville, Athens, Augusta)	August 16
Registration for Returning Students	August 18 - 20
Classes begin	August 23
Drop/Add	August 23 - 26
Labor Day holiday	September 6
Midterm: last day to withdraw from a course without a penalty	October 14
Regents' Test	November 1
Thanksgiving recess	November 24-26
Last day of classes	December 10
Examinations	December 13 -17
Term Ends	December 17

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## Spring Semester 2000

Registration	January 4
Classes begin	January 5
Drop/Add	January 5-10
Martin Luther King, Jr. Holiday	January 17

Midterm: last day to withdraw from a course without a penalty	March 2
Regents' Test	March 27
Spring Break	April 1-9
Last day of classes	April 26
Examinations	April 27-29 and May 1-2
Graduation	May 5

## Summer Semester 2000

Registration for returning students taking optional externships and MCG students taking core classes at Augusta State University	May 10
Augusta State University classes begin	May 17
MCG classes begin for students taking optional externships	May 11
Drop/Add	May 11-16
Midterm: last day to withdraw from a course without a penalty for returning students	June 23
Regents' Test	July 3
Independence Day holiday	July 4
Orientation and Registration for new BSN students	July 5
Last day of classes for all nursing students	August 8
Examinations for all nursing students	August 9-11
Term ends	August 11

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## **Fall Semester 2000**

Orientation & Registration for new RN/BSN students (Barnesville, Athens, Augusta)	August 14
Registration for Returning Students	August 16-18
Classes begin	August 21

Drop/Add	August 21-24
Labor Day holiday	September 4
Midterm: last day to withdraw from a course without a penalty	October 12
Regents' Test	October 30
Thanksgiving recess	November 22-24
Last day of classes	December 8
Examinations	December 11-15
Term Ends	December 15

# **Spring Semester 2001**

Registration	December 28-29 January 2-3
Classes begin	January 4
Drop/Add	January 4 - 9
Martin Luther King, Jr. Holiday	January 15
Midterm: last day to withdraw from a course without a penalty	February 27
Regents' Test	March 26
Spring Break	March 31-April 8
Last day of classes	April 26
Examinations	April 27, 28, 30 and May 1
Graduation	May 4

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## Summer Semester 2001

Registration for returning students taking optional externships and MCG students taking core classes at Augusta State University	May 9
Augusta State University classes begin	ТВА

MCG classes begin for students taking optional externships	May 10
Drop/Add	May 10-15
Midterm: last day to withdraw from a course without a penalty for returning students	June 22
Regents' Test	ТВА
Independence Day holiday	July 4
Orientation and Registration for new BSN students	July 2
Last day of classes for all nursing students	August 7
Examinations for all nursing students	August 8-10
Term ends	August 10

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## Information for Current Students Medical College of Georgia

Please email comments, suggestions or questions to: <u>Registrar</u>

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## **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**

Freshmanless than 30Sophomore at least 30Juniorat least 60Seniorat 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

Α	excellent	4.0
В	good	3.0
С	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.

- I-- This symbol 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. 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.
- 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.

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

S\*\*-- 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.

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.

U\*\*--

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).

## **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 the academic function of the institution. Regulations promulgated in the interest of protecting the equity and validity of the university's grades and degrees and to help students develop standards and attitudes appropriate to academic life are contained in the Student Handbook or in school honor codes.

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#### Dean's List

To recognize superior academic performance among undergraduates, a Dean's List is compiled quarterly. 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 this 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:

Summa cum laude 3.90 Magna cum laude 3.70 Cum laude 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:

Highest Honors	3.90
High Honors	3.70
Honors	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.

#### Withdrawal from the University

A student who wishes to withdraw must report to the registrar to obtain and complete procedures outlined in the Withdrawal Form.

A student who is not enrolled for three consecutive semesters will be administratively withdrawn from the college. (See Section of "Refund of Fees.")

#### **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. MCG Academic Regulations

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## **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 this 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 this 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 or associate 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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Student Affairs and Admissions

**Division of Student Affairs** 

Information for Enrolled Students, Faculty and Staff

Academic Regulations and Calendars

Information for Prospective MCG Students

# 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 20912-7315.

For your convenience, a <u>Request for Transcript or Letter of</u> <u>Certification</u> is available as a file (Adobe PDF file) and can be printed on your printer. ( About Adobe PDF (**P**ortable **D**ocument **F**ormat) files )

When you have printed the blank form, complete it and fax it to: (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.** 

Transcripts will be sent in turn as requests are received. 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.

We regret that we cannot accept responsibility for delivery of transcript(s) following mailing by our office.

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.

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# 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, a <u>Request for Transcript or Letter of</u> <u>Certification</u> is available as a file (Adobe PDF file) and can be printed on your printer. (<u>About Adobe PDF (Portable Document Format) files</u>)

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## 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.

Certification letters will be sent in turn as requests are received. 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.

We regret that we cannot accept responsibility for delivery of

letter(s) following mailing by our office.

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# Students

Essay Raters

## Test Administrators

Search

# Regents' Testing Program

# The University System of Georgia

The Board of Regents of the University System of Georgia instituted the Regents' Testing Program to serve as one means by which each institution in the University System can ensure that students receiving degrees from the institution possess certain minimum skills of reading and writing. Since 1972, passing both the essay and reading comprehension parts of the Regents' Test has been a requirement for students receiving transfer associate or baccalaureate degrees from the 34 institutions of the University System.

General Information

- Overview of the Regents' Testing Program
- <u>System Policy and Procedures</u>
- <u>Annual Schedule</u>
- Regents' Test Survey Results (1998)
- Proposal for Computerized Administration
- Passing Rates
  - Description and Documentation (Technical Manual)
  - Institutional Test Coordinators

#### Regents' Reading Test

- Description of the Reading Test
- Short Practice Test (a 30-item test that provides a score)
- <u>Practice Test with Instructional Feedback</u> (a full-length test that provides explanations for the answers)
- Sample Test with Item Analysis Information

#### Regents' Essay Test

- Complete List of Approved Essay Topics
- Essay Instructions and Sample Essay Test Form
- Essay Scoring Manual

SECTION I - Information for New Raters Introduction Instructions for Scoring Regents' Testing Program Essays Examples of Rated Essays Practice Essays General Description of Procedures at Scoring Centers Miscellaneous Procedures for Raters

- SECTION II Miscellaneous Materials Development of Instructions to Raters and Selection of Topics Procedures for Maintaining the Anonymity of Essay Writers Scoring Sites and Selection of Raters Sample Rater Performance Report and Summary Suggestions for the Essay Review Process
- <u>Administration Manual</u>

# **REGENTS' TESTING PROGRAM**

# **Board Policy**

An examination (the Regents' Test) to assess the competency level in reading and writing of all students enrolled in undergraduate degree programs leading to the baccalaureate degree in University System institutions shall be administered. The following statement shall be the policy of the Board of Regents of the University System of Georgia on this examination.

The formulation and administration of the Regents' Test shall be as determined by the Chancellor.

Each institution of the University System of Georgia shall assure the other institutions, and the System as a whole, that students obtaining a degree from that institution possess certain minimum skills of reading and writing. The Regents' Testing Program has been developed to help in the attainment of this goal. The objectives of the testing Program are: (1) to provide System-wide information on the status of student competence in the areas of reading and writing; and (2) to provide a uniform means of identifying those students who fail to attain the minimum levels of competence in the areas of reading and writing.

Students enrolled in undergraduate degree programs leading to the baccalaureate degree shall pass the Regents' Test as a requirement for graduation. Students must take the test in their first semester of enrollment after earning 30 credit hours if they have not taken it previously. (Institutions may not prohibit students who have earned at least 30 credit hours from taking the test for the first time.) At an institution's discretion, students may be permitted to take the test during a semester in which they are not enrolled.

Each institution shall provide an appropriate program of remediation and shall require students who have not passed both parts of the test by the time they have earned 45 credit hours to take the appropriate remedial course or courses each semester of enrollment until they have passed both parts.

Students with 30 or more semester credit hours transferring from outside of the System or from a System program that does not require the Regents' Test should take the test during their first semester of enrollment in a program leading to the baccalaureate degree. Those who have not passed before their third semester of enrollment are subject to the remediation requirement.

The Regents' Test is not a requirement for an Associate of Applied Science degree or an Associate of Science degree in an allied health field, although institutions may choose to require the test for these degrees.

A student holding a baccalaureate or higher degree from a regionally accredited institution of higher education will not be required to complete the Regents' Test in order to receive a degree from a University System institution.

The Chancellor will issue administrative procedures for the operation of the Regents' Testing Program.

# **REGENTS' TESTING PROGRAM ADMINISTRATIVE PROCEDURES**

These procedures implement the Policy on the Regents' Testing Program of the Board of Regents of the University System of Georgia.

- I. <u>Testing and Remediation Requirements</u>
  - A. Students in programs leading to the baccalaureate degree who have not taken the Regents' Test must be required to take the test during the semester of enrollment immediately following the completion of 30 college-level semester credit hours. (College-level credit hours include all credit with the exception of institutional credit.) This requirement applies regardless of whether the student has taken or passed specific courses, including English courses, or completed any other institutional requirements.
  - B. Passing the Regents' Test is defined as having passed both parts of the test by scoring at or above the minimum passing score specified for each component. If one component of the test has been passed, that component need not be retaken.
  - C. Students who have earned 45 college-level semester credit hours and have not passed the Regents' Test shall take the appropriate nondegree credit course(s) in remedial reading and/or remedial writing in each semester of attendance until they have passed all components of the test.
  - D. Students with 45 college-level credit hours who have not passed either part of the test are required to take remediation in both reading and writing each semester. The only exception that may be made is for part-time students taking one remedial course and no college-level credit courses.
  - E. Students with fewer than 45 semester hours of college-level credit are not required to take remediation and may be permitted to retake the test without remediation. (Although institutions may require students to take remediation before earning 45 hours, there should be an opportunity for students who plan their schedules appropriately to take the test twice before they are required to take remediation. Such planning may require enrollment in English the first two semesters and may include additional requirements established by the institution. Students who postpone taking English or who postpone taking the test will not necessarily have two opportunities to take the test before the remediation requirement is imposed.)
  - F. Institutions may not prohibit students who have earned at least 30 credit hours from taking the test for the first time. First-time examinees must take both parts of the test. At an institution's discretion:
    - Students may be permitted or required to take the test before they have earned 30 hours.
    - Students may be permitted to take the test during a semester in which they are not enrolled. (For example, non-enrolled students from associate degree institutions who are otherwise eligible to take the test and not subject to a remedial requirement might be encouraged to take the test during the summer administration.)
    - Students who have failed both parts of the Regents' Test may be allowed to take the reading and essay portions of the test in separate semesters.
  - G. Having passed the Regents' Test shall not be a condition of transfer into an institution. All transferring students from programs leading to the baccalaureate degree within the System shall be subject to all provisions of this policy. Students with 30 or more semester credit hours transferring from outside of the System or from a System program that does not require the Regents' Test should take the test during their first semester of enrollment in a

program leading to the baccalaureate degree. Those who have not passed before their third semester of enrollment are subject to the remediation requirement.

- H. The Regents' Test is not a requirement for an Associate of Applied Science degree or an Associate of Science degree in an allied health field, although institutions may choose to require the test for these degrees.
- I. The Regents' Test is to be administered in accordance with the instructions provided in the *Regents' Testing Program Administration Manual*.
- J. Institutions are responsible for enforcing the requirements related to the Regents' Testing Program. Institutions may increase these requirements provided that such increased requirements are authorized by the Chancellor and provided further that such requirements are published in the official catalog of the institution prior to implementation. Such additional requirements shall in no way affect the transfer of students from one institution to another or the readmission of students to University System institutions.
- II. Guidelines for Remedial Courses
  - A. Required remedial work shall be in keeping with regulations in satisfaction of federal and state student financial assistance and other such eligibility programs.
  - B. Separate courses in remediation for the reading and the essay portions of the test are to be provided. Courses developed for other purposes, such as those for Learning Support students or for regular credit English, may not be used to fulfill the Regents' Test remediation requirement.
  - C. Each required Regents' Test remedial course is to consist of a minimum of 25 hours of classroom/laboratory instruction provided before students retake the test.
  - D. Regents' Test remediation courses are to be classified as a regular part of the student's academic load, resulting in institutional credit, and should be handled as part of the regular registration procedure.

# III. Special Categories of Students

- A. A student holding a baccalaureate or higher degree from an accredited institution of higher education will not be required to complete the Regents' Test in order to receive a degree from a University System institution.
- B. Each institution may develop special procedures for certifying the competence of students whose native language is not English. A written description of these procedures shall be submitted to the Chancellor. These procedures shall require a formal examination of competence in English. At a minimum, the examination shall include the writing of an essay. The testing procedures may be locally developed and administered. The grading of the essay may be local and shall involve multiple raters, of which at least two of three must pass the essay. The use of culturally neutral topics, the granting of extended time, and the use of translation dictionaries are permissible accommodations for the essay examination.
- C. Each institution shall develop special procedures, in accordance with the description of procedures and requirements (see appended "Special Administration of the Regents" Test") for certifying the competence of students with disabilities. A written description of the institutional procedures shall be submitted to the Chancellor. Such procedures shall include provision for remediation if needed and formal examination prior to certifying competency. Such examination shall equal the standards of the Regents' Testing Program.

- D. Students who took the Regents' Test before Fall Quarter, 1980, and who failed the reading portion of the Regents' Test shall not be held to a higher passing standard at a subsequent retaking of the test than was in effect at the time of their original attempt. All students, regardless of when they entered the system, must pass the test as a requirement for graduation.
- E. Students who have moved out of state after completing all requirements for graduation with the exception of the Regents' Test requirement may be permitted to have the Regents' Test administered out of state if they have fulfilled remediation requirements and follow the procedures outlined in the *Regents' Testing Program Administration Manual*.

# IV. Essay Review

A student may request a formal review of his or her failure on the essay component of the Regents' Test if that student's essay received at least one passing score among the three scores awarded. The review procedures shall be as follows:

- A. A student must initiate the review procedure by mid-term of his/her first semester of enrollment after the semester in which the essay was failed. The review must be initiated, however, within one calendar year from the semester in which the failure occurred.
- B. All applicable requirements of the Regents' Test Policy remain in effect for those students whose essays are under review, including those regulations relating to remediation and to retaking the test.
- C. The review will be initiated at the campus level, with procedural matters to be determined by the institution. The on-campus review, however, will be conducted by the three faculty members designated by the institution as a review panel. The on-campus review panel may (1) sustain, by majority opinion, the essay's failing score, thus terminating the review process, or (2) recommend, by majority opinion, the re-scoring of the essay by the Regents' Testing Program central office. The student will be notified concerning the results of the on-campus review. A decision by the on-campus review panel to terminate the review process is final.
- D. If the on-campus panel recommends re-scoring of the essay, that recommendation will be transmitted in writing, along with the essay, to the office of the System Director of the Regents' Testing Program. The Director will utilize the services of three experienced Regents' essay scorers other than those involved in the original scoring of the essay to review the essay, following normal scoring procedures for the essay component of the Regents' Test. The decision of the panel on the merits of the essay will be final, thus terminating the review process. The student will be notified through the institution concerning the results of the review.

# SPECIAL ADMINISTRATION OF THE REGENTS' TEST

## STUDENTS WITH VISUAL, HEARING, OR MOTOR IMPAIRMENT

An alternative means of certifying the competence of students with visual, hearing, or motor

REGENTS' TESTING PROGRAM Board Policy and Administrative Procedures

impairment may be used. Such examination shall equal the standards of the Regents' Testing Program. In most cases, the Regents' Test would be administered with accommodations determined by the institution on the basis of the student's needs.

The Regents' Reading Test administration for a student with a visual, hearing, or motor impairment should correspond as closely as possible to the student's usual means of obtaining information from text. A visually impaired student, for example, could use the Braille, large-print, or recorded version of the Reading Test. If it is necessary for the Reading Test to be scored locally rather than submitted to the Regents' Testing Program Office for scoring, Form 21 of the Regents' Reading Test may be used.

If a student with a visual, hearing, or motor impairment is unable to handwrite an essay on the regular Essay Test form for rating, the institution has two options: the essay may be locally rated in the format produced by the student (e.g., typed or written on enlarged paper), or the essay may be copied to the regular Essay Test form by a proctor and submitted to the Regents' Testing Program Office for rating. The Regents' Testing Program Office cannot obtain ratings for essays that are not written on the regular test form or that are otherwise identifiable as special administrations.

The Regents' Testing Program Office does not have to be informed when a student with a visual, hearing, or motor impairment takes or passes an alternative test. However, the SIRS record submitted by the registrar's office must indicate that alternative procedures have been used (a code of "S" for SDED S415). The documentation for each student is to be evaluated and maintained by the institution and summarized in the institution's Annual Report on Learning Disorders.

## STUDENTS WITH LEARNING DISABILITIES, TEST ANXIETY, OR OTHER DOCUMENTED NEEDS

The following procedure is for the accommodation of students who are competent in the skills required on the Regents' Test but are unable to demonstrate competence in a standardized administration of the test because of a learning disability, severe test anxiety, or other documented problems. A diagnosis of learning disability must include evidence of a discrepancy between ability and achievement in the area affecting test performance and must be consistent with the definition and criteria for evaluation provided in Section 2.22 of the Academic Affairs Handbook. For students to be eligible on the basis of test anxiety, there should be evidence that the student has the skills required for passing the test but is unable to display the skills during a regular test administration. Students who perform well in remedial classes but continue to fail the test should be evaluated for test anxiety. Except in unusual circumstances when strong clinical evidence of test anxiety is available, students would not be accommodated on the basis of test anxiety unless they have enrolled in remedial courses at least twice.

The documentation for each student is to be evaluated and maintained by the institution. An Annual Report on Learning Disorders will be made of the types of accommodations made and diagnoses on which the accommodations were based.

## Allowable Accommodations and Restrictions

The accommodations that may be made are limited to the following:

- extended time

- separate room for test administration
- large-print test format
- use of a word processor, typewriter, or scratch paper for composing the essay

(The student must handwrite the essay on the regular essay form for grading, or, if the student's diagnosis indicates an inability to copy the essay, the test administrator or proctor must copy the essay as written by the student with no changes and send both the original and copied essay to the Regents' Testing Program Office.)

- reading of the essay to the student (If the student's diagnosis indicates a visual processing deficit that prevents the student from reading his or her own essay accurately, the proctor may read the essay aloud exactly as written while the student makes corrections to the essay.)
- transcription of reading test responses to the scanner sheet

Essays must be rated through the usual rating process, which does not allow for the provision of any information about the student to the raters. Raters cannot be asked to take a student's disabilities into account when rating an essay. Instead, appropriate modifications in the test administration process must allow the student's essay to be rated through the usual process.

All test administrations must meet the following conditions:

The essay and Reading Test responses must be submitted to the Regents' Testing Program Office for scoring.

The product submitted must be in the standard format for grading: the essay must be handwritten on the regular essay form with no extra paper, and the Reading Test responses must be recorded on the student's scanner sheet.

Except as indicated above under allowable exceptions for students who are unable to copy or read their own essays, the product submitted for grading must be produced by the student with no assistance provided or changes made by any other person.

The test must be administered under secure conditions, and all work must be completed under supervision.

Accommodations other than those described above may be made only upon recommendation of a Regents Center for Learning Disorders. The Centers will make recommendations for students with learning disabilities or acquired brain impairment. The procedures used by the Centers are described in Section 2.22.

## REMEDIATION REQUIREMENT

The remediation requirement may not be waived for students with disabilities. However, the institution will determine whether the regular Regents' Test remediation course or another remedial experience is needed to accommodate the student. The student must complete the remediation requirement prescribed by the institution prior to retaking the test.

Last updated: August 7, 1998

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#### Student Affairs and Admissions

**Division of Student Affairs** 

Information for Enrolled Students, Faculty and Staff: - Academic Regulations and Calendars (Registrar's Office)

- Activities
- Housing
- International Visitors Program
- Judical Affairs
- Minority Affairs
- Placement
- Student Financial Aid

Information for Prospective MCG Students

# **Student Housing**

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 in the middle of campus can really mean a lot when you are only a five minute walk from class and three minutes from the Student Center, with its snack bar, cafeteria, and game tables—not to mention all the social events and activities sponsored by the Student Government Association. A putting green, tennis, racquetball, volleyball and basketball courts are located near the Student Center. Of course, when you do feel like leaving campus, Augusta's two largest shopping malls are only a 15-minute drive away. There are no restrictions concerning who can bring a car to campus, and parking decks with adequate parking spaces are located 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 Residences III, IV and the Alumni Center, your rental payment covers local telephone line charges, cablevision, 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 67 rooms for single occupancy. Each room is carpeted, air-conditioned and has a private bath. 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 2000-01 academic year is \$1,066.00 per semester. Rates are subject to the approval by the Board of Regents and may change.

# **Residence III**

This residence hall consists of 67 single rooms for undergraduate and graduate students and is conveniently located near the library and classroom buildings. Each room is carpeted, air-conditioned and has a private bath. The complex has a community laundry area and a kitchen.

Rent for a room in Residence III is paid on a semester basis. The single occupancy rate for the 2000-01 academic year is \$1,066.00 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 couch bed. 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 2000-01 academic year is \$1,066.00 per semester, and the double occupancy rate is \$640.00 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 \$1,604.00 per semester, and the rate for a two-bedroom apartment is \$1,748.00 per semester for the 2000-01 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 \$1,217.00 per semester, and the rate for a two-bedroom apartment is \$1,326.00 per semester for the 2000-01 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 Housing Office. 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.

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Please email comments, suggestions or questions to: Megan Bowers, <u>mbowers@mail.mcg.edu</u>. October 30, 2000



#### Fee Payment and Refund Policy

# Student Affairs Tuition and Fees

# School of Allied Health Sciences

- Health Information Management Medical Technology
   Occupational Therapy (Augusta)
   Physician Assistant
   Radiologic Sciences
   Respiratory Therapy
- Occupational Therapy (Columbus)

# School of Dentistry

# School of Graduate Studies

- <u>All programs in Augusta</u>
- Master of Physical Therapy Program in Albany
- Master of Nursing Program in Columbus
- <u>Master of Nursing Program in Athens (SONAT)</u>

# 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)

# Information for Current Students Medical College of Georgia

Please email comments, suggestions or questions to: <u>Registrar</u>

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# Student Affairs Tuition and Fees

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#### School of Allied Health Sciences

**School of Dentistry** 

School of Graduate Studies

School of Medicine

School of Nursing

School	of Allied	Health	Sciences

<u>Augusta</u>

Dental Hygiene, Health Information Management, Medical Technology, Occupational Therapy, Physician Assistant, Radiologic Sciences, and Respiratory Therapy

Fall Semester 2000           and Spring Semester 2001           All fees are subject to change.	Georgia Residents	Non- Residents
Tuition per Semester (All Full-time students)	\$1,253.00	\$1,253.00
Additional Non-Resident Tuition per semester for Full-time students	0.00	3,759.00
Health, Activity & Technology Fees per semester for students with six or more semester hours	234.00	234.00
TOTAL per semester	\$1,487.00	\$5,246.00

<u>Columbus</u> Occupational Therapy			
Fall Semester 2000 and Spring Semester 2001 All fees are subject to change.	Georgia Residents	Non- Residents	
Tuition per Semester (All Full-time students)	\$1,253.00	\$1,253.00	
Additional Non-Resident Tuition per semester for Full-time students	0.00	3,759.00	
Health, Activity & Technology Fees per semester for students with six or more semester hours	234.00	234.00	
TOTAL per semester	\$1,487.00	\$5,246.00	

Georgia residents taking fewer than 12 semester hours will pay \$104 per credit hour in tuition; non-residents will pay an additional \$313.00 per credit hour in tuition.

# Information for Current Students Medical College of Georgia

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# Student Affairs Tuition and Fees

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School of Allied Health Sciences

#### **School of Dentistry**

School of Graduate Studies

**School of Medicine** 

School of Nursing

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For additional budget information, please see the School's Admissions Bulletin.			
Fall Semester 2000 and Spring Semester 2001 All fees are subject to change.Georgia ResidentsNon- Residents			
Tuition per Semester (All Full-time students)	\$2,876.00	The School of	
Additional Non-Resident Tuition per semester for Full-time students0.00		Dentistry does not	
Health, Activity& Technology Fees per semester for students with six or more semester hours218.00		accept non- residents	
TOTAL per semester			
Georgia residents taking fewer than 12 semes pay \$240 per credit hour in tuition.			

School of Dentistry

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# Student Affairs Tuition and Fees

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School of Graduate Studies			
Programs in Augusta			
Fall Semester 2000 and Spring Semester 2001 All fees are subject to change.	Georgia Residents	Non- Residents	
Tuition per Semester (All Full-time students)	\$1,503.00	\$1,503.00	
Additional Non-Resident Tuition per semester for Full-time students	0.00	4,509.00	
Health, Activity & Technology Fees per semester for students with six or more semester hours	218.00	218.00	
TOTAL per semester         \$1,721.00         \$6,230.00			
Georgia residents taking fewer than 12 semester hours will pay \$125 per credit hour in tuition; non-residents will pay an additional \$376.00 per credit hour in tuition.			

Master of Physical Therapy Program in Albany			
Fall Semester 2000 and Spring Semester 2001 All fees are subject to change.	Georgia Residents	Non- Residents	
Tuition per Semester (All Full-time students)	\$1,503.00	\$1,503.00	
Additional Non-Resident Tuition per semester for Full-time students	0.00	4,509.00	
Health, Activity & Technology Fees per semester for students with six or more semester hours	298.00	298.00	
TOTAL per semester	\$1,801.00	\$6,310.00	

Georgia residents taking fewer than 12 semester hours will pay \$125 per credit hour in tuition; non-residents will pay an additional \$376.00 per credit hour in tuition.

Master of Nursing Program in Columbus			
Fall Semester 2000 and Spring Semester 2001 All fees are subject to change.	Georgia Residents	Non- Residents	
Tuition per Semester (All Full-time students)	\$1,503.00	\$1,503.00	
Additional Non-Resident Tuition per semester for Full-time students	0.00	4,509.00	
Health, Activity & Technology Fees per semester for students with six or more semester hours	234.00	234.00	
TOTAL per semester	\$1,737.00	\$6,246.00	
Georgia residents taking fewer than 12 semester hours will pay \$125 per credit hour in tuition; non-residents will pay an additional \$376.00 per credit hour in tuition.			

Master of Nursing Program in Athens (SONAT)			
Fall Semester 2000 and Spring Semester 2001 All fees are subject to change.	Georgia Residents	Non- Residents	
Tuition per Semester (All Full-time students)	\$1,503.00	\$1,503.00	
Additional Non-Resident Tuition per semester for Full-time students	0.00	4,509.00	
Health, Activity & Technology Fees per semester for students with six or more semester hours	385.00	385.00	
TOTAL per semester	\$1,888.00	\$6,397.00	
Georgia residents taking fewer than 12 semester hours will pay \$125 per credit hour in tuition; non-residents will pay an additional \$376.00 per credit hour in tuition.			

Information for Current Students Medical College of Georgia Please email comments, suggestions or questions to: Registrar January 18, 2001

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# Student Affairs Tuition and Fees

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**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 <u>Admissions Bulletin</u>.

Please read the School of Medicine <u>Tuition Payment Policy</u>.

Fall Semester 2000 and Spring Semester 2001 All fees are subject to change.	Georgia Residents	Non- Residents
Tuition per Semester (All Full-time students)	\$3,126.00	\$3,126.00
Additional Non-Resident Tuition per semester for Full-time students	0.00	9,378.00
Health, Activity & Technology Fees per semester for students with six or more semester hours	218.00	218.00
TOTAL per semester	\$3,344.00	\$12,722.00

Georgia residents taking fewer than 12 semester hours will pay \$261 per credit hour in tuition; non-residents will pay an additional \$783.00 per credit hour in tuition.

# Information for Current Students Medical College of Georgia

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# Student Affairs Tuition and Fees

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School of Nursing			
BSN and RN-to-BSN Programs in AUGUSTA			
Fall Semester 2000 and Spring Semester 2001 All fees are subject to change.Georgia ResidentsNon- Residents			
Tuition per Semester (All Full-time students)	\$1,253.00	\$1,253.00	
Additional Non-Resident Tuition per semester for Full-time students	0.00	3,759.00	
Health, Activity & Technology Fees per semester for students with six or more semester hours	218.00	218.00	
TOTAL per semester         \$1,350.00         \$5,230.00			
Georgia residents taking fewer than 12 semester hours will pay \$104 per credit hour in tuition; non-residents will pay an additional \$313.00 per credit hour in tuition.			

BSN and RN-to-BSN Programs in ATHENS			
Fall Semester 2000 and Spring Semester 2001 All fees are subject to change.	Georgia Residents	Non- Residents	
Tuition per Semester (All Full-time students)	\$1,253.00	\$1,253.00	
Additional Non-Resident Tuition per semester for Full-time students	0.00	3,759.00	
Health, Activity & Technology Fees per semester for students with six or more semester hours	385.00	385.00	
TOTAL per semester	\$1,638.00	\$5,397.00	

Georgia residents taking fewer than 12 semester hours will pay \$104 per credit hour in tuition; non-residents will pay an additional \$313.00 per credit hour in tuition.

RN-to-BSN Programs in BARNESVILLE (Gordon College)		
Fall Semester 2000and Spring Semester 2001All fees are subject to change.	Georgia Residents	Non- Residents
Tuition per Semester (All Full-time students)	\$1,253.00	\$1,253.00
Additional Non-Resident Tuition per semester for Full-time students	0.00	3,759.00
Health, Activity & Technology Fees per semester for students with six or more semester hours	Gordon College Fees	
TOTAL per semester		
Georgia residents taking fewer than 12 semester hours will pay \$104 per credit hour in tuition; non-residents will pay an additional \$313.00 per credit hour in tuition.		

# Information for Current StudentsMedical College of Georgia

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January 18, 2001

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# 2000 - 2001 MCG Student Financial Aid Guide



For additional student financial aid information go to:

Need money for college? Do a free Scholarship Search on:



Copyright (c) 2000 Medical College of Georgia All rights reserved Office Of Student Financial Aid 2013 Administration Building Augusta, GA 30912-7320 (706) 721-4901

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 Director of Student Financial Aid.

> Applying for Financial Aid <u>Types of Aid</u> Other Information

2001-2002 MCG Application/Information (PDF)

Student Affairs and Admissions | Medical College of Georgia

Office of Student Financial Aid, <u>osfa@mail.mcg.edu</u> This page was last updated on December 06, 2000

http://www.mcg.edu/students/finaid/finaid.htm [01/31/2001 10:03:31 AM]



<u>Student Financial Aid</u> <u>Guide</u>

<u>Applying for Financial</u> <u>Aid</u>

**Types of Aid** 

**Other Information** 

# 2000 - 2001 MCG Student Financial Aid Guide

#### **Applying for Financial Aid**

To apply for the Federal Pell Grant, the Federal Stafford Student Loan, the Service-Cancelable Loan, HOPE Scholarship and aid awarded by the Medical College of Georgia, follow the instructions below. You must apply for financial aid each year that you need assistance. We expect to begin issuing award letters in April 2000. For timely processing:

#### January 1:

Application packets for Fall Semester 2000, Spring Semester 2001 and Summer Semester 2001 are available in the Office of Student Financial Aid for enrolled students and for those who have applied for admission. Apply for financial aid as soon after January 1 as possible. You must be admitted to MCG as a certificate or degree-seeking student before aid can be offered, but **you should not wait until you have been accepted to begin your application for financial aid.** 

#### February 15:

Mail the completed Free Application for Federal Student Aid (FAFSA) to the federal processor.\* Read and follow the instructions. Since it takes approximately four (4) to six (6) weeks for this form to be processed and for you to receive the Student Aid Report (SAR), do not delay in submitting it. Be sure to enter the MCG Title IV Code #001579 in question 88; if you fail to do this we will not receive an electronic download of your data and processing could be greatly delayed.

#### **February 15:**

Submit the MCG Financial Aid Application to the Office of Student Financial Aid.

#### <u>March 15:</u>

You will receive a Student Aid Report (SAR) from the federal processor. Review the form for accuracy and if correct, keep all original pages of the Student Aid Report. Do not submit it to the MCG Office of Student Financial Aid unless you are chosen for verification.

#### **March 15**:

The federal processor selects a significant number of applicants for verification. If your Student Aid Report states that you have been "chosen for verification," you will need to submit the original SAR to our office, complete a Verification Worksheet (available in our office) and submit a signed photocopy of your 1999 federal income tax return to the Office of Student Financial Aid. If you provided parent information on the FAFSA, also submit a signed photocopy of your parents' 1999 federal income tax return. 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 Student Aid Report 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 this office.

\*Regardless of your age, if you are interested in being considered for all types of assistance, please include your parents' information on the FAFSA. Both student and parent data must be submitted at the time of application. There are need-based loans and scholarships for medical and dental students and a limited number of need-based scholarships for others (currently physical therapy, dental hygiene, medical technology, occupational therapy, physician assistant and radiologic technologic students) which require parent information. (If you are "independent", you will still be considered as "independent" in the determination of the standard aid programs for which parent information is not required.)

**LATE APPLICANTS:** If your application becomes complete less than **90 days** before registration, it is unlikely that there will be sufficient time for your application to be fully processed by registration. Students/families will be expected to assume full responsibility for payment due. Check, MasterCard and Visa are accepted. MCG cannot defer tuition, housing and other fees for students. All application requirements must be submitted and processed by the federal processor and received in our office by May 15, 2001, for you to receive consideration for aid in the period covered by this application (Fall 2000, Spring 2001 and Summer 2001.)

# Note to new students who are entering MCG in the Summer 2000:

For financial aid purposes, Summer is the end of the award year so you will need to complete two applications. If you plan to enter MCG in the Summer 2000, you are to complete the 1999-2000 application to apply for aid for Summer 2000 and you are to complete the 2000-2001 application to apply for aid for Fall 2000-Summer 2001. Each year's MCG application shows the semesters covered by that application; be careful to complete the application(s) needed to cover the semesters for which you need assistance. Also, if you have attended or will attend any other school within 2000-2001, you must request a Financial Aid Transcript from each school attended in 2000-2001, whether or not aid was received.

**<u>REMINDERS</u>**: If you are applying for outside sources of assistance, such as the Ty Cobb or the State Medical Education Board Scholarships, adhere to the deadlines. See the

Financial Aid: Enrollment

"Scholarships and Grants" section for details.

May 15	Deadline for the <b>State Medical Education Board Scholarship</b> .
June 15	Deadline for the <b>Ty Cobb Scholarship</b> application and supporting documents.

Student Affairs and Admissions | Medical College of Georgia

Office of Student Financial Aid, <u>osfa@mail.mcg.edu</u> This page was last updated on October 30, 2000

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#### <u>Student Financial Aid</u> <u>Guide</u>

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**Types of Aid** 

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# 2000 - 2001 MCG Student Financial Aid Guide

#### **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

**Loans** 

**Employment and Assistantships** 

**Other Assistance** 

Student Affairs and Admissions | Medical College of Georgia

Office of Student Financial Aid, <u>osfa@mail.mcg.edu</u> This page was last updated on October 30, 2000



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# 2000 - 2001 MCG Student Financial Aid Guide

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- Enrollment
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Student Affairs and Admissions | Medical College of Georgia

Office of Student Financial Aid, <u>osfa@mail.mcg.edu</u> This page was last updated on October 30, 2000

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**General Information** 

Catalog 2000

#### Accessibility to Handicapped

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 handicapped 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 handicapped 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.

Please contact Ms. Elizabeth Griffin, Director of Academic Admissions or Mr. James McLeod, Registrar, to self-identify.

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#### Catalog 2000

#### **General Information**

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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 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.

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#### Catalog 2000

#### **General Information**

#### **Changes in Catalog Requirements**

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, registrar 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.

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#### Catalog 2000

**General Information** 

Allied Health Sciences Dentistry Graduate Studies Medicine Nursing

Research Library MCG Faculty

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Related Sites in School of Graduate Studies

- <u>Master of Health Education and Master of Science Programs</u>
- Master of Science in Medical Illustration
- <u>Master of Physical Therapy</u>

# Medical College of Georgia

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# Medical College of Georgia School of Allied Health Sciences

History Outcomes Policies & Procedures Catalog

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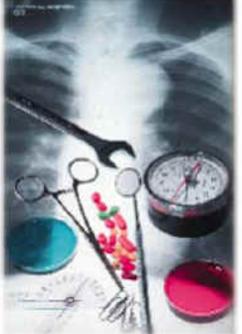
## RadScape

Health Resources and Services Administration Interdisciplinary Homepage

## **Contact Information:**

Dana C. Blackwelder Administrative Manager Medical College of Georgia Room AA2028 The School of Allied Health Sciences, founded in 1968, offers unparalleled education in twelve health care disciplines. The School's faculty is outstanding in their respective fields, and in addition to teaching, provide service and conduct research. The faculty incorporate multiple approaches in their instruction, such as distance learning, multimedia technology, interactive television and the Internet, to maximize their effectiveness with students.

Consistent with the purposes of the Medical College of Georgia, the purpose and goals of the School of



Allied Health Sciences are based on the belief that an atmosphere of academic scholarship and investigation results in:

- Faculty who can be facilitators, mentors, fellow learners and role models for students;
- An educational process which is responsive to variability in student aptitude, interest and motivation;
- Students who can develop the ability to make decisions and become more independent in seeking higher levels of excellence in their personal and professional lives; and
- Dissemination of advanced knowledge and discovered information through publications and other avenues of communication.

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MCG School of Allied Health Sciences - Home Page

Augusta, Georgia 30912-0100 Phone:(706)721-2621 Fax:(706)721-7312 email: <u>dblackwe@mail.mcg.edu</u>

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-Directors

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<u>Search for Faculty</u> Update Your Record

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## **School of Allied Health Sciences**

### Administration

Dean Allied Health Sciences Associate Dean Academic Affairs Assistant Dean Clinical Affairs Dr. Biagio J. Vericella Dr. Leona C. Mishoe Mrs. Patricia F. Sodomka

### Faculty

- <u>All</u>
- Primary Rank
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- Administrative
- Joint Rank
- Emeritus

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Acevedo, J. Harold MD Akins, William A. MS Allen, Kimberly E. MS Allen, Virginia R. EdD Allison, Jerry D. PhD Anderson, Emily D. MHEd Anderson, Jennifer B. BS Andrews, William M. MA Arazie, Joan C. BS Arnette, Ann H. MHEd Bairas, Diane S. BS Baker, R. Randall PhD Bannon, Michelle D. BS Barber, Robert L. BS Barnett, Janet E. BS Bartee, Lacy H. Sr. MS Barthel, Dixon C. MA Bennett, Kathryn M. BS Billman, Michael A. DDS Bingham, Kay H. BS Black, Katherine A. BS Boyter, Charles H. MS Bradley, Kathy P. EdD Brown, David G. BS Brown, Nathaniel A. BS Buckner, Wendy S. MHEd Bures, Joseph K. BS

http://www.oiri.mcg.edu/pfl/Queries/schall.asp?school=Allied+Health+Sciences (1 of 9) [01/31/2001 10:04:26 AM]

Butterbaugh, Randy R. EdD Campbell, Carol A. DBA Cannady, Robert W. BS Carroll-Barefield, Amanda MS Carter, William C. MS Chatto, Charlotte A. MS Chestnut, Sharon K. BS Chilton, Simona G. BS Chong, Raymond K. PhD Collins, Marie A. MS Colman, Alan E. BS Condon, James V. BS Corley, James H. MS Cornelison, W. Fred MDiv Craft-Coffman, Beretta BS Crawford, Marynell BS Creel, Teru A. MS Crowther, Melissa F. BS Curry, Reva A. PhD Dadig, Bonnie A. EdD Dasher, Byron G. MD David, George MS David, Sandra K. MHE Davis, Carol H. BS Davis, Virginia L. MEd DeRamus, Leonard D. BS Dennis, Jancis K. MAS Dennison, Franklin H. MEd Dickson, Stephen K. AS Domyslawski, Donna J. MA Domyslawski, Raymond F. MS Douglas, Lacy A. MS Dowling, Jeffrey S. BS

Downey, Mary C. MS Ducey, Danita A. BS Echelberger, Scott F. MHA Eller, Peter C. DPM Ellis, Judy P. BS Evans, Bridget B. BS Finkbeiner, Robert V. MS Foerster, John E. MFA Forbes, E. Faye BS Forbes, L. Andrew BA Foss, John T. BS Franklin, Mary Ellen EdD Frentzel, Michael BS Fuller, Gary K. MHEd Gardner, M. Regina BS Garrett, Shavonne W. BS Gavigan, Dawn M. BS Gay, Tammy K. BS Glass, William G. MS Godowns, Angela B. BS Gordon, Lisa E. BS Green, Mark S. MS Grunther, Ira A. BS Gunder, Shawn E. MPAS Gupta, Sathy MBBS Haddow, Sara V. MS Hale, Cynthia T. BS Hall, Charles R. Sr. MS Hall, Samuel A. Jr. MEd Hamil, George B. Jr. BS Hamilton, Carol D. MEd Hanes, Philip J. DDS Hanna, Emily J. BS

Harbeson, Ellen W. BS Harrison, Steven J. MS Harvey, John S. MD Harvey, Queen S. BS Hastings, Jessie G. BS Henderson, Linda F. BS Hernlen, Kathleen M. MBA Hinely, Lewis J. Jr. EdD Hinz, Ellen R. BS Howell, Renee B. BS Huechtker, Edward D. Sr. MPA Hughes, Cynthia T. BS Hunt, Winston H. BS Jackson, Jennifer J. BS Jaffe, Lynn E. ScD Jarriel, Melissa H. BS Jedlicka, Janet S. PhD Jenkins, Sharon K. BS Jester, David M. MD Jonah, Mary H. BS Jones, Susan B. BS Jordon, Thomas D. BS Joseph, Ricky MA Kaminski, Robert J. MD Kaplan, Joseph J. MD Kelly, Colleen E. BS Kelly, Thomas Jr. MBA Kemle, Kathy A. BS Kendall, Peter J. MHA Kenimer, Elizabeth A. EdD Keskula, Douglas R. PhD Kinney, Patricia A. BS Kolmar, Linda A. BS

Korwin, Joseph J. BMS Kothari, Ajay M. MBBS Lain, David C. AAS Lam, Rebecca W. MEd Land, Nancy J. BS Laurich, Gerald A. PhD Layne, Carlos E. BS LeClair, Jesse R. BS Lea, Jimmy R. MS Lee, James M. BS Lee, Laura E. BS Lett, Claude E. III BS Lewis, Charles C. MPH Livingston, E. Claire PhD Lloyd, Susan S. BS Lowry, Dorothy P. BS Mailhot, Jason M. DMD Marinich, Robert C. MSMI Martin, William H. BA Master, Bonnie S. BS Matson, Charles R. BS May, Chris A. BS Mays, Wallace D. MD McAlister, Robert B. BS McBee, Wanda H. BS McCluskey, George M. Jr. BS McPeake, Ernest T. II BS Meehan, Kathleen A. DMD Mellick, Larry B. MD Mishoe, Leona C. PhD Mitchell, Catherine BS Mobley, Regina C. MHEd Morin, Claudia T. MHEd

Moses, Tina P. DMD Mosley, Letha J. MEd Moti, Udaya G. MBBS Nelson, George J. BS Newman, Lewis L. Jr. BS **Ogilvie**, Mariann MS Oliver, Trudy L. MHS Owen, Hudson J. Jr. BS Owen, Mary A. MHE Paris, Catherine E. MMSc Paris, Stanley V. PhD Passmore, Gregory G. PhD Perry, Jan F. EdD Peters, Susan E. BS Pope, John C. III BS Portt, James C. MMS Pradhan, Avinash C. MBBS Pradhan, Medha A MBBS Prince, Lori H. MSA Purvis, James P. III DDS MS Que, Mila C. BS Quick, Harriet H. BS Rasche, Jeanette D. MSMI Reimche, Carol J. MS Reimche, Donavon L. MHE Reynolds, Kevin L. AB Rhoden, Carolyn S. BS Roper, B. Kenneth PhD Rosema, Pamela E. MHS Salamon, Kathleen B. MPA Scaggs, Donald F. MPAS Scarff, Dane R. BS Schroen, John F. Sr. BS

Scott, Stephen K. MBA Seals, Deedee H. BS Shell, Sheila A. BS Shoemaker, Doris M. MLM Singh, Ram B. MBBS Smith, Angela L. MS Smith, Connie L. BS Smith, Kenneth L. BS Smith, Michael O. BS Smith, Sherry P. MS Sodomka, Patricia F. MS Soparas, Joseph S. BS Specht, William J. MA MS Stallings, Judith B. BS Steadman, Clayton D. JD Stec, Thomas L. MHE Stewart, Carbon T. BS Stowers, Robert G. BS Stowers, Sheryl W. BS Styne, Silvia M. BS Sullivan, Bradley D. MSMI Swayne, Gregory M. MS Swift, Andrew E.B. MS Taft, Arthur A. PhD Tankersley, Janet B. BS Taylor, Benjamin H. Jr. BS Thomas, Lynda L. BS Thompson, Katharina M. BS Tinsley, Sheila J. BS Turnbull, Diane M. EdD Vann, A. Marie MEd Vericella, Biagio J. EdD Wade, Mary S. BS

Waldo, Karen L. MS Walters, Patrick I. MEd Ward, Sue T. BS Wark, Elizabeth T. MBA Webb, Nancy C. PhD Westberry, Perry M. AA White, Shelia L. PhD Wicker, Marie S. BS Williams, Billy J. BS Williams, R. Lane BS Williams, Sandra S. BS Willis, Sharon BSDMS Winn, Francis J. Jr. PhD Winn, William M. MS Wise, Scott C. BS Wispert, Charles M. BS Wooten, Carla R. BS Wright, Allison L. MS Yrizarry, Elizabeth G. BS

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#### Catalog 2000

**Allied Health Sciences** 

#### **Policies and Procedures**

#### Application procedures

Application forms with instructions may be obtained from the <u>Office of</u> <u>Academic Admissions</u>. Early application is recommended. An application fee of \$25 is required.

#### **Admission Criteria**

All applicants for undergraduate degree programs in the School of Allied Health Sciences must satisfy the requirements of the University System Core Curriculum for University System students. Applicants from non-System schools must satisfy the requirements of the Medical College of Georgia core curriculum for non-System students.

**CPR certification** and **completion of a first aid course** are required prior to enrolling in the School of Allied Health Sciences. Computer literacy is expected of all students, especially for word processing.

#### General selection criteria include:

Cumulative grade point average Grade point average in math and sciences References Knowledge of the field Completion of prerequisite general education coursework

Some departments pay particular attention to grades in specific prerequisite courses; some are more concerned with over-all grade point average. The importance of previous health-care experiences varies from program to program. Some departments require a personal interview.

Complete information pertaining to application, admission, fees and expenses, loans and scholarships can be found in the <u>General</u> <u>Information</u> section of the Catalog. Any additional requirements or financial resources specific to programs will be found in <u>each</u> <u>Department's section</u> of the Catalog.

#### Academic Policies

#### **Technical Standards**

Admission to and graduation from the School of Allied Health Sciences requires satisfaction of the <u>university's technical standards</u> and any specific programmatic standards.

#### **Professional Liability Insurance**

Insurance is required of all students enrolled in the School of Allied Health Sciences. Costs of this insurance are included as part of tuition and fees. Specific information may be obtained from the Office of the Dean.

#### Academic Probation, Dismissal and Suspension

The University's general policies for undergraduate students are contained in the <u>General Information Section</u> of the Catalog. Please refer to that section for the Academic Dismissal policy. Where more stringent department dismissal standards apply, the faculty recommends dismissal to the Dean.

#### **Academic Probation**

Any student in the School of Allied Health Sciences, whose GPA for any semester is below 2.0 (on a 4.0 scale) or whose cumulative grade point average is below 2.0 at the end of the semester, will be on academic probation and may be subject to a department recommendation to the Dean for dismissal.

#### Non-Academic (Administrative) Dismissal

Any student may be denied permission to continue enrollment in the School of Allied Health Sciences if, in the opinion of the faculty, the student's knowledge, character, or mental or physical fitness cast grave doubts upon his potential capabilities as a practitioner in the field of training. The student is subject to a department recommendation to the Dean for dismissal.

A student may be administratively withdrawn from the Medical College of Georgia when in the judgment of the Dean it is determined 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, or (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, or (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 doubts upon a student's character and/or on the potential capabilities as a health science or basic science professional.

School dismissal decisions may be appealed following established School procedures.

#### Graduation

Information on graduation requirements is located in the <u>General</u> Information section of the Catalog.

**Medical College of Georgia** 

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

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Catalog 2000

**Allied Health Sciences** 

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#### **Associated Dental Sciences (Dental Hygiene)**

- <u>Associated Dental Sciences Home Page</u>
- <u>Admission Requirements</u>
- Estimated Fees and Expenses
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- Master of Health Education and Master of Science
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# Department of Associated Dental Sciences

#### Philosophy

#### Admissions

FAQ Undergraduate Program Graduate Programs Financial Aid Campus Housing Faculty

**Accreditation** 

#### **Contact Information:**

Marie A. Collins, RDH, MS Assistant Professor and Chair Medical College of Georgia Associated Dental Sciences Room AD-3103 Augusta, Georgia 30912-0100 Phone:(706)721-2938 Fax:(706)721-8857 email: mcollins@mail.mcg.edu

### **Dental Hygiene**

### **Career Overview**

#### Professional Tasks and Working Environment

Dental hygiene provides an attractive opportunity for one interested in health careers. The dental hygienist has a sincere concern for helping people develop and maintain good oral health using current concepts in preventive dentistry. The program is designed to train students in



counseling skills as well as to perform the customary roles 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
- scale and polish teeth
- apply topical fluoride
- prepare diagnostic casts
- perform root planning
- expose and process dental x-rays
- place and remove rubber dams
- place temporary restorations
- polish amalgam restorations
- apply sealants
- implement patient education programs
- perform nutritional counseling
- discuss smoking cessation

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#### Skills and Related Interests Most Suited to a Career in Dental Hygiene

Those who enter the field of dental hygiene should be caring people who enjoy the opportunity of being with others, have good communication skills and some ability to teach, and who enjoy working with their hands.



Related career interests may include nursing, medical technology, radiologic technologies, occupational therapy, dental assisting, and dental laboratory technology.

#### **Employment and Career Opportunities**

Upon successful completion of the Dental Hygiene National Board Examination and state or regional clinical examinations, the dental hygienist is licensed to practice under the supervision of a licensed dentist in various settings. Employment opportunities may take them into private dental practice, public health (governmental agencies, health agencies, or special institutions), public school programs, industry, or 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 new Medical College of Georgia graduates in clinical practice is \$2,080 to \$3,125 per month. According to the American Dental Hygienists' Association, the average salary for dental hygienists in 1996 was \$37,619.

School of Allied Health Sciences | Medical College of Georgia

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#### Catalog 2000

**Allied Health Sciences** 

Associated Dental Sciences

#### 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 <u>core</u> <u>curriculum</u> 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 who first language is not English must submit official TOEFL scores. A minimum score of 600 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 <u>Office of Academic Admissions</u>.

Applications for admission are encouraged by August 1, but will continue to be accepted until the class has been filled.

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#### Catalog 2000

**Allied Health Sciences** 

Associated Dental Sciences

#### **Estimated Fees and Expenses**

In addition to <u>matriculation and other fees</u> 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	\$583	\$375
Instruments/equipment	834	556
Uniforms	140	35
Liability insurance	15	15
Other (travel, graduation, etc.)	90	60
Total	\$1,662	\$ 1,041

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#### Catalog 2000

**Allied Health Sciences** 

Associated Dental Sciences

#### Curriculum

Fall		Credi
		Hours
BCM 3130	Biochemistry	3
DHY 3100	Clinic I	4
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	17
Spring		
DHY 3200	Clinic II	
DHY 3210	Theory and Practice II	
RADD 3290	Dental Radiology	
MIBD 3230	Dental Microbiology	
PER 3260	Periodontics	
DHY 3241	Dental Health and Wellness	3
AHS 3660	U.S. Health Care Delivery Systems	
OBI 3133	Nutrition	
	Semester Total	17
Summer		
DHY 4300	Patient Care I	3
DHY 4310	Seminar I	2
DHY 4320	Research Design and Critical Thinking	2
PATH 4330	Pathology	3
DHY 4420	Dental Materials	2
	Semester Total	12
Fall		
DHY 4400	Patient Care II	
DHY 4411	Seminar II	3
PHM 4430	Pharmacology	
RADD 4490	Radiologic Technique I	
DHY 4441	Community Health	
DHY 4450	Dental Specialty Clinic I	
	Semester Total	15
Spring		
DHY 4500	Patient Care III	
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
	Semester Total	14
	PROGRAM TOTAL	75

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#### Student Evaluation

#### The Student Evaluation Committee

Associated Dental Sciences

**Catalog 2000** 

**Allied Health Sciences** 

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 <u>Student Handbook</u>).

#### 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. Copyright © 2000 Medical College of Georgia All rights reserved

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# School of Allied Health Sciences

Two master's degree programs are available to allied health professionals which offer opportunities for expanded careers in education, research and practice. In addition, a Master of Science in <u>Medical Illustration</u>.

Master of Health Education. This program prepares

individuals for careers as academic or clinical educators and more highly skilled practitioners. The curriculum has a core in higher education curriculum, instruction and evaluation.

Master of Science. This is an interdisciplinary research degree

program. The curriculum has a core in science and research tools and methods and requires the completion of a thesis.

### **Master of Health Education Degree Program**

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.

#### **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 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.

#### 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. Copyright © 2000 Medical College of Georgia All rights reserved. **Medical College of Georgia** 

Please email comments, suggestions or questions to: Gretchen Caughman, gcaughma@mail.mcg.edu January 22, 2001



## Medical College of Georgia Guide to Course Descriptions

**Disciplines for School of Allied Health Sciences** 

Discipline	Prefix
Allied Health Sciences	AHS
Biochemistry	BCM
Dental Hygiene	DHY
Dental Hygiene, Microbiology	MIBD
Dental Hygiene, Nutrition	<u>OBI</u>
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
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	<u>NMT</u>
Occupational Therapy	OCC
Occupational Therapy Assistant	<u>OTA</u>
Oral Health	ANMD
Physician Assistant	PAD
Radiologic Sciences	RTR
Radiologic Sciences	RSC
Radiologic Sciences	<u>RTT</u>
Radiologic Sciences, Management	<u>RSM</u>
Radiologic Sciences, Physics	PCS
Respiratory Therapy	<u>RTH</u>

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http://www.oiri.mcg.edu/catalog/coursedesc.asp?cpref=AHS&cschool=Allied+Health+Sciences (1 of 2) [01/31/2001 10:05:28 AM]

Catalog - Course Listing

#### AHS3610. Ethics in Health Professionals

**AHS3620.** Principles of Education

**AHS3650.** Introduction To Research Design

AHS3660. The U.S. Health Care Delivery System

#### 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

Prerequisite: None	
Introduces basic principles of educational design with applica development, continuing education and clinical education.	tion to patient education, staff
development, continuing education and chinical education.	Grading System: ABCDF
AHS3630. Principles of Management	1 credit hours
Prerequisite: None	
This course introduces students to the field of management, for applicable to all types of organizations. The course is structure functions of planning, organizing, leading, and controlling.	
	Grading System: ABCDF
AHS3640. Introduction To Statistics	1 credit hours
Prerequisite: None	
This course is designed to introduce the student to basic statis	tics. Knowledge of computer science will
be reinforced by actual processing of statistical data.	

Grading System: ABCDF

1 credit hours

This course is designed to introduce the student to the fundamentals of research design. Grading System: ABCDF

1 credit hours

Prerequisite: None

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

1 credit hours

1 credit hours

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Catalog - Course Listing

#### AHS3670. Elementary Healthcare Statistics

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

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

AHS4451. Child Life Clinic

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

13 credit hours

Prerequisite: None

AHS4452. Child Life Clinic Intern

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

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3 credit hours

14 credit hours

2 credit hours

#### BCM3130. Biochemistry

Prerequisite: None

Chemistry of living cells with correlations between biochemistry, nutrition, and dental clinical sciences Grading System: ABCDF

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Catalog - Course Listing

4 credit hours

#### DHY3100. Clinic I Prerequisite: None

Delivery of optimum patient care by dental hygienists. Emphasizes infection control, techniques of instrumentation, clinical policies and professional development.

Grading System: ABCF

3 credit hours
lth care. Emphasizes
Grading System: ABCF
2 credit hours
anomalies, and
Grading System: ABCDF
4 credit hours
cess of care.
Grading System: ABCF
3 credit hours
opulation, emphasizing apy.
Grading System: ABCF
1 credit hours
ous communication styles se population.
Grading System: ABCDF
3 credit hours

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

	Grading System: ABCDF
DHY4400. Patient Care II	4 credit hours
Prerequisite: DHY 4300 and DHY 4310	
Opportunity to expand both knowledge and technique necessary in th disease.	e treatment and prevention of oral
	Grading System: ABCF
<b>DHY4410. Dental Hygiene Seminar II</b> Prerequisite: DHY 4300 and DHY 4310	2 credit hours
Aspects of patient and practice management, treatment planning, adv optimum treatment within the scope of dental hygiene care.	anced assessment and providing
	Grading System: ABCF
<b>DHY4411. Dental Hygiene Seminar II</b> Prerequisite: DHY 4300 and DHY 4310	3 credit hours
Aspects of patient and practice management, treatment planning, adv optimum treatment within the scope of dental hygiene care.	anced assessment to provide
of anome a company with the sector of a company of group concer	Grading System: ABCF
DHY4420. Dental Materials Prerequisite: None	2 credit hours
Scientific principles and manipulation of dental materials.	
	Grading System: ABCDF
DHY4440. Community Health	2 credit hours
Prerequisite: DHY 3240 and AHS 3660	
History, philosophy and organization of public health and its relation	ship to dentistry.

DHY4310. Dental Hygiene Seminar I

### DHY4320. Research Design and Critical Thinking

Prerequisite: DHY 3241 Research methods and changing issues and trends in the dental hygiene profession.

DHY4300. Patient Care I

Prerequisite: DHY 3210

Prerequisite: DHY 3200 and DHY 3210

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

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

Catalog - Course Listing

3 credit hours

Grading System: ABCF

Grading System: ABCF

2 credit hours

2 credit hours

learning styles) are discussed, observed, and evaluated.

Prerequisite: DHY 3241

DHY4441. Community Health

History, philosophy and organization of public health and its relationship to a	Grading System: ABCDF
DHY4450. Dental Specialty Clinic 1 Prerequisite: DHY 4300 AND DHY 4310	1 credit hours
Opportunity to observe, assist, and provide dental hygiene care for patients in Grading System:	n various specialty clinics. : Satisfactory/Unsatisfactory
<b>DHY4500. Patient Care III</b> Prerequisite: DHY 4400 and DHY 4410	4 credit hours
Clinical experience and practical application of dental hygiene skills.	
	Grading System: ABCF
DHY4510. Dental Hygiene Seminar III Prerequisite: DHY 4410 and DHY 4400	2 credit hours
Current clinical concepts and practice information related to dental hygiene p	oatient care. Grading System: ABCF
DHY4540. Practice Administration Prerequisite: DHY 4400 AND DHY 4410	2 credit hours
Business and operational aspects of dental practice with focus on ethical and	legal issues. Grading System: ABCDF
<b>DHY4550. Dental Specialty Clinic II</b> Prerequisite: DHY 4450	1 credit hours
Expanded opportunities to observe, assist, and provide care to patients in var	ious specialty clinics. : Satisfactory/Unsatisfactory
<b>DHY4610. Fundamentals of Dental Hygiene Education</b> Prerequisite: Permission of Department Chairman	3 credit hours
Overview of the educational process including objectives, lesson plans, meth	odology, and evaluation. Grading System: ABCDF
DHY4620. Clinical Dental Hygiene Education I Prerequisite: Permission of Department Chairman	6 credit hours
Critical components of clinical dental hygiene instruction (task analysis, teac learning styles) are discussed observed, and evaluated	hing modalities, and

3 credit hours

DHY4630. Advanced Community Health

Dir 14050. Auvanceu Community ricatu	2 creatt nours
Prerequisite: Permission of Department Chairman	
History, philosophy, and organization of public health with emphasis on epid	emiology, sociological
determinants, and dental relevance.	~ ~ ~ ~
	Grading System: ABCDF
DHY4640. Dental Literature Evaluation	2 credit hours
Prerequisite: Permission of Department Chairman	
Introduction to scientific writing culminating in the preparation of a manuscri-	int of publishable quality
introduction to scientific writing cummuting in the preparation of a manager	Grading System: ABCDF
DHY4710. Dental Hygiene Education: Principles and Practice	3 credit hours
Prerequisite: DHY 4610	
Practical, supervised teaching experience in the classroom and/or laboratory.	
	Grading System: ABCDF
DHY4720. Clinical Dental Hygiene Education II	6 credit hours
Prerequisite: DHY 4620	
Supervised dental hygiene education experiences with discussion and analysi	s of clinical instruction.
	Grading System: ABCDF
DHY4750. Dental Hygiene Seminar: Current Concepts and Techniques	2 credit hours
Prerequisite: Permission of Department Chairman	
Focuses on the current philosophies, techniques, and equipment impacting de	ental hygiene.
	Grading System: ABCDF
DIIX/4000 Index ondex 4 Standar	1 4 and 14 h arms
DHY4900. Independent Study	1 - 4 credit hours
Prerequisite: Permission of Department Chairman	
Opportunity to systematically investigate a topic of interest in dental hygiene	-
	Grading System: ABCDF
DHY4910. Studies in Patient Management	4 credit hours
Prerequisite: Permission of Department Chairman	i cicuit nouis
In-depth review of current patient management recommendations and rationa	le for special-needs
populations.	te for special needs
L ob armount.	Grading System: ABCDF
DHY4930. Independent Study: Community Health	1 - 4 credit hours

Health delivery systems with emphasis on dental public health leadership and community education Grading System: ABCDF

**MIBD3230. Dental Microbiology** Prerequisite: DHY 3130 and DHY 3140 Pathogenesis of bacteria, fungi, and viruses 2 credit hours

Grading System: ABCDF

### **OBI3133.** Nutrition

1 credit hours

Prerequisite: DHY 3130

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

Grading System: ABCDF

### OMD4520. Oral Medicine Dental Hygiene

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

### PATH4330. Pathology

Prerequisite: DHY 3140 AND PER 3260

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

Grading System: ABCDF

3 credit hours

### PER3260. Periodontics

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

Prerequisite: PER 3260

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

Grading System: ABCDF

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1 credit hours

### PHM4430. Pharmacology

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

### **RADD3290.** Dental Radiology

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.

### RADD4490. Radiology Technique I

Prerequisite: RADD 3290 Experiences in basic dental intraoral radiographic technique, error recognition/correction, and interpretation.

### RADD4590. Radiology Technique II

Prerequisite: RADD 4490 Advanced experiences in radiographic technique, error recognition/correction, and interpretation.

Grading System: ABCDF

Grading System: ABCDF

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Grading System: ABCDF

1 credit hours

1 credit hours

### **DMS3610.** Sonologic Instrumentation

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 Applications 1: Abd/ob/gyn

Prerequisite: Concurrent enrollment in RSC 4601, DMS 3641, or permission of Instructor/Program Director.

Course introduces students to sonographic scanning in areas of abdomen, first trimester 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

### DMS3612. Sonologic Application II: Abd/ob/gyn

DMS3613. Sonologic Application III (abd/ob/gyn)

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

2 credit hours

Prerequisite: DMS 3611, DMS 3612, 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

4 credit hours

Prerequisite: Concurrent enrollment in DMS 3610, RSC 3611, RSC 4601, DMS 3610, 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 II

DMS3641. Clinical Internship I

Prerequisite: DMS 3641 or permission of Program Director

4 credit hours

1 credit hours

### 4 credit hours

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

4 credit hours

Grading System: ABCDF

3 credit hours

completion of project. Projects emphasize writing, organizational skills, accuracy of content, and

Grading System: ABCDF

3 credit hours

Grading System: ABCDF

2 credit hours

Prerequisite: Completion of Certificate/Junior year or permission of Program Director.

Grading System: ABCDF

Grading System: ABCDF

DMS4622. Sonologic Application V: Eco/vasc Tech

Prerequisite: DMS 4621 or permission of Instructor/Program Director.

pathological changes of the extra-cranial cerebrovascular system.

pathological changes of the extra-cranial cerebrovascular system.

## DMS3643. Clinical Internship III

DMS4620. Independent Study

Prerequisite: Senior status in DMS Program.

Prerequisite: Senior status in DMS Program.

effectiveness of material presentation.

effectiveness of material presentation.

DMS4621. Sonologic Application Iv

DMS4621C. Sonologic Application Iv

DMS4620C. Independent Study

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.

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

Course allows students to explore topics of interest in diagnostic medical sonography through completion of project. Projects emphasize writing, organizational skills, accuracy of content, and

Prerequisite: Completion of Certificate/Junior year or permission of Program Director.

Course introduces normal cardiac imaging techniques including two-dimensional, M-mode, and cardiac Doppler. Course also emphasizes normal transcranial Doppler techniques. Students investigate common

Course introduces normal cardiac imaging techniques including two-dimensional, M-mode, and cardiac Doppler. Course also emphasizes normal transcranial Doppler techniques. Students investigate common

2 credit hours

Course focuses on pathologic changes occurring in cardiovascular system of adult and child.

Grading System: ABCDF

### DMS4622C. Sonologic Application V: Eco/vasc Tech

Prerequisite: DMS 4621 or permission of Instructor/Program Director.

Course focuses on pathologic changes occurring in cardiovascular system of adult and child.

Grading System: ABCDF

4 credit hours

5 credit hours

DMS4641. Clinical Internship IV

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

4 credit hours

### 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

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

Grading System: ABCDF

4 credit hours

Grading System: ABCDF

4 credit hours

Grading System: ABCDF

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### DMS4642C. Clinical Internship V

Prerequisite: DMS 4641 or permission from Program Director.

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.

DMS4642. Clinical Internship V

clinical projects complete course.

DMS4641C. Clinical Internship Iv

clinical projects complete course.

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Catalog - Course Listing

### HIM3000. Legal Aspects and Ethics

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 Healthcare

HIM3002. Computer Fundamentals

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

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 Systems

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 Design

Prerequisite: HIM 3003 and HIM 3002

HIM3101. Management Principles

Prerequisite: Admission to the Program

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

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

### 4 credit hours

2 credit hours

1 credit hours

1 credit hours

1 credit hours

### 1 credit hours

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Catalog - Course Listing

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 Prerequisite: HIM 3101	4 credit hours
A comprehensive human resource management course which develops studen employer-employee relationship. Includes the major human resource manager include job analysis, job descriptions, employee recruitment, selection, and tra administration, performance appraisals, and collective bargaining	nent functions. Topics
anning and the carganing	Grading System: ABCDF
HIM3103. Managerial Practicum Prerequisite: HIM 3101, HIM 3208	2 credit hours
Students work in a designated health record department to complete assigned related to the basic functions of a health record department.	management projects
	Grading System: ABCDF
HIM3206. Introduction to Health Information Management Prerequisite: Admission to the Program	3 credit hours
Principles of gathering, manipulating, classifying, storing, and retrieving healt	
	Grading System: ABCDF
HIM3207. Healthcare Statistics and Data Management Prerequisite: Admission to the Program	2 credit hours
Methods utilized to transform health data into information. Fundamental processummarizing, analyzing, presenting, and interpreting data. Includes acceptabl and formulas necessary to compute common health care statistical reports.	0
	Grading System: ABCDF
HIM3208. Record Processing Practicum	2 credit hours
Prerequisite: Admission to the Program Provides a structured environment in which students gain practical experience record departments. Supports technical and conceptual skill development by p opportunity to observe and perform various functions common to most health	providing the students

Grading System: Satisfactory/Unsatisfactory

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### HIM3312. Medical Terminology

HIM3313. Pathophysiology

Catalog - Course Listing

Prerequisite: Anatomy and Physiology

Prerequisite: Anatomy and Physiology, HIM 3312.

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

Introduces the study of disease, abnormal body functions, and pharmocological aspects in treating disease. Contemporary views of how the human body functions on a cellular level in relation to the whole individual will be discussed. The student will develop a working understanding of the various

Grading System: ABCDF

5 credit hours

concepts of diagnostic and treatment methods and an appreciation for the roles of the various health care

Grading System: ABCDF

3 credit hours

Grading System: ABCDF

4 credit hours

Grading System: ABCDF

Grading System: ABCDF

3 credit hours

Prerequisite: Principles of Accounting I.

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

# application software and the Internet through lab exercises and assignments.

HIM3516. Computer Fundamentals in Health Care

### HIM3517. Introduction To Database Design and Health Information

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.

HIM4104. Budget and Finance

### 2 credit hours

# HIM3414. Health Data Classification

Prerequisite: Admission to the Program

professionals who provide direct patient care.

Prerequisite: HIM 3206, HIM 3207

ICD-9-CM and CPT coding. ICD-9-CM coding is used for vital statistics reporting, third-party reimbursement systems including Medicare, and is a statistical classification system. Diagnosis Related Groups (DRGs) and its relationship to ICD-9-CM will be discussed. Includes ICD-9-CM, CPT, and HCPCS coding.

health care. Students will demonstrate proficiency in use of word processing, spreadsheet, and graphics

Introduces students to computer concepts of hardware, software, the Internet, and uses of computers in

### HIM4105. Management Capstone

Prerequisite: HIM 3101, HIM 3102

HIM4209. Legal Aspects and Ethics

HIM4210. Quality Management

Prerequisite: HIM 3206

disease management.

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.

development for health data requirements in a health care setting. Includes basic ethical principles and

Overview of the law and its administration as it applies to questions of policy and procedure

Prerequisite: HIM 3206, HIM 3207, HIM 3313, HIM 3414, HIM 4209 (co-requisite).

Introduces concepts in quality management. Areas discussed include total quality management,

situations of ethical dilemma, and ethical decision-making processes.

Grading System: ABCDF

2 credit hours

2 credit hours

Grading System: ABCDF

3 credit hours

Grading System: ABCDF

2 credit hours

Grading System: ABCDF

2 credit hours

4 credit hours

Prerequisite: HIM 3206, HIM 3207, HIM 3414.

HIM4415. Reimbursement and Case Mix Analysis

This course will examine health information functions relating to reimbursement and billing office procedures, case management relationships to reimbursement methodologies, and outcomes management. The definition, purpose, and use of case mix classifications will also be examined.

Grading System: ABCDF

### HIM4518. Advanced Database Design and Systems

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

### Grading System: ABCDF

HIM4211. Health Care Delivery Systems

continuous quality improvement, utilization and risk management, accrediting functions, outcomes and

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.

### HIM4519. Systems Design and Implementation

### 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

HIM4622. Statistics and Research Methodology

Prerequisite: Senior Status, HIM 4620.

HIM4722. Administrative Practicum

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

3 credit hours

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

9 credit hours

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** 

3 credit hours

Catalog - Course Listing No matching courses found.

to management practices.

MTCM4300. Professional Issues

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 Management Prerequisite: Co-requisite MTCM 4380	1 credit hours
Provides an overview of management of human and financial resources and m operations, and practice communication skills using a variety of methods, incl Provides background theory for Lab Management Project, MTC - 4380.	
	Grading System: ABCDF
<b>MTCM4380. Laboratory Management Project</b> Prerequisite: Co-requisite MTCM 4320, Laboratory Management Provides an opportunity for students to apply management theory, management	
resources and management of laboratory operations to a laboratory situation a communication skills using a variety of methods, including the Internet and a	
MTCM4400. Microbiology Review	2 credit hours
Prerequisite: Microbiology Review of clinically significant microorganisms and techniques used in isolati	on and identification. Grading System: ABCDF
MTCM4420. Clinical Microbiology II Lecture Prerequisite: Admission to the program	3 credit hours
mphasis on microbial diseases, identification procedures, and epidemiological significance. Grading System: A	
MTCM4430. Clinical Microbiology II Laboratory Prerequisite: Admission to the program. Emphasis on procedures and techniques used to isolate and identify clinically	3 credit hours important
microorganisms.	Grading System: ABCDF
MTCM4480. Clinical Practice Microbiology Prerequisite: Successful completion of MTCM 4420 and MTCM 4430.	2 credit hours
Practical application of clinical microbiology techniques including areas of qu practices, data interpretation, instrumentation, library research, professional be	• •

Grading System: ABCDF

### MTCM4485. Clinical Practice Microbiology

Prerequisite: Successful completion of MTCC4420and 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.

MTCM4500. Immunology Review

Prerequisite: MLT certification and/or Immunology course Review of immunological concepts, procedures, and methods in the context of medical laboratory testing.

Grading System: ABCDF

Grading System: ABCDF

1 credit hours

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

2 credit hours

MTCM4580. Clinical Practice Immunology Prerequisite: MTCM 4500, Immunology Review

MTCM4509. Introduction To 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.

MTCM4585. Clinical Practice Immunology

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.

### MTCM4600. Laboratory Math and Quality Control

Prerequisite: Co-requisite MTCM 4620

2 credit hours

Grading System: ABCDF

Grading System: ABCDF

2 credit hours

2 credit hours

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

3 credit hours

3 credit hours

### MTCM4620. Clinical Chemistry II (lecture)

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

MTCM4680. Clinical Practice Chemistry

MTCM4685. Clinical Practice Chemistry

MTCM4780. Clinical Practice Blood Bank

Prerequisite: Completion of MTCM Immunohematology

Prerequisite: Successful completion of MTCM 4620 and MTCM 4630

Prerequisite: Successful completion of MTCM 4620 and MTCM 4630

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.

supervision of a medical technologist: specimen processing, analysis and reporting of patient test results.

supervision of a medical technologist: specimen processing, analysis and reporting of patient test results.

Provides students practical experience of working in the clinical chemistry laboratory under the

Provides students practical experience of working in the clinical chemistry laboratory under the

Grading System: ABCDF

Grading System: ABCDF

Grading System: ABCDF

2 credit hours

2 credit hours

Grading System: ABCDF

### 2 credit hours

### MTCM4740. Immunohematology

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.

MTCM4785. Clinical Practice Blood Bank

MTCM4840. Advanced Hematology

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

### Prerequisite: Completion of MTCM 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 MTCM4800. Basic Hematology and Fluid Analysis

Prerequisite: None

instructor.

issues.

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.

Discusses correlation of hematological and tests hemostasis with other clinical findings in diagnosing

also including quality assurance issues, problem solving skills, phlebotomy, and relative management

Grading System: ABCDF

6 credit hours Prerequisite: Co-requisite with MTCM 4800, Basic Hematology and Fluid Analysis or permission of

Practical application in techniques utilized in a clinical hematology, fluids, and hemostasis laboratory,

0 credit hours

Grading System: ABCDF

Grading System: ABCDF

### **Return to Course Descriptions Home**

### MTCM4885. Clinical Practice Hematology

MTCM4880. Clinical Practice Hematology

Prerequisite: MTCM 4800 and MTCM 4840 or permission of instructor

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.

various blood dyscrasias and hemostatic disorders. Case study materials and laboratory experiences. Grading System: ABCDF

2 credit hours

2 credit hours

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Catalog - Course Listing

### MTCC3180. Venipuncture

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 Research

Prerequisite: Immunology course

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

Grading System: ABCDF

Grading System: ABCDF

5 credit hours

1 credit hours

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.

MTCC3240. Basic Professional Concepts

**MTCC3280. Junior Clinical Practice** 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)

MTCC3640. Clinical Chemistry I (Jr)

MTCC3540. Immunology

Prerequisite: Successful completion of MTCC 3240 and all Fall Quarter courses. An introduction to the clinically relevant microorganisms through lecture and laboratory studies, written assignments, and library projects.

Grading System: ABCDF

4 credit hours

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

2 credit hours

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

1 credit hours

1 credit hours

Course.

Basic laboratory principles, chemical hygiene plan

### MTCC3840. Clinical Hematology Fluid Analysis

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

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.

Prerequisite: Completion of MTCC3440.

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

MTCC4480. Clinical Practice Microbiology

Prerequisite: Successful completion of MTCC4420and 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

### Grading System: ABCDF

# MTCC4320. Laboratory Management 1 credit hours 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 Grading System: ABCDF MTCC4380. Lab Management Project 1 credit hours Grading System: ABCDF 3 credit hours MTCC4420. Clinical Microbiology II Lecture Prerequisite: MTCC 3440 Emphasis on microbial diseases, identification procedures, and epidemiological significance. Grading System: ABCDF MTCC4430. Clinical Microbiology II Laboratory 3 credit hours Grading System: ABCDF 2 credit hours

### MTCC4485. Clinical Practice Microbiology

Prerequisite: Successful completion of MTCC4420and 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.

MTCC4580. Senior Clinical Practice Immunology

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.

### MTCC4585. Clinical Practice Immunology

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.

### MTCC4620. Clinical Chemistry II (lecture)

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)

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

2 credit hours

### MTCC4680. Clinical Practice Chemistry 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.

## 2 credit hours

3 credit hours

3 credit hours

2 credit hours

Grading System: ABCDF

Grading System: ABCDF

Grading System: ABCDF

### MTCC4685. Clinical Practice Chemistry

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

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.

### MTCC4780. Clinical Practice Blood Bank

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

Grading System: ABCDF

2 credit hours

2 credit hours

Grading System: ABCDF

2 credit hours

MTCC4880. Clinical Practice Hematology Prerequisite: MTCC 4840 or permission of instructor.

MTCC4785. Clinical Practice Blood Bank

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.

MTCC4840. Advanced Hematology

6 credit hours 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

0 credit hours

6 credit hours

Grading System: ABCDF

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.

Practical application in techniques utilized in a clinical hematology, fluids, and hemostasis laboratory,

Grading System: ABCDF

2 credit hours

# also including quality assurance issues, problem solving skills, phlebotomy, and relative management issues.

Prerequisite: MTCC 4840 or permission of instructor.

MTCC4885. Clinical Practice Hematology

Grading System: ABCDF

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

### Catalog - Course Listing

### MTCP4185. Venipuncture

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

1 credit hours

Prerequisite: Co-requisite MTCP 4380

MTCP4320. Laboratory Management

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.

1 credit hours

**MTCP4380. Lab Management Project** Prerequisite: Co-requisite MTCP 4320

MTCP4400. Microbiology Review

Prerequisite: Admission to program.

Prerequisite: Admission to the program.

MTCP4480. Clinical Practice Microbiology

MTCP4420. Clinical Microbiology II Lecture

MTCP4430. Clinical Microbiology II Laboratory

Prerequisite: Microbiology

microorganisms.

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

2 credit hours

Review of clinically significant microorganisms and techniques used in isolation and identification. Grading System: ABCDF

3 credit hours

Emphasis on microbial diseases, identification procedures, and epidemiological significance. Grading System: ABCDF

3 credit hours

Grading System: ABCDF

2 credit hours

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

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

2 credit hours

Prerequisite: MLT certification and/or Immunology course Review of immunological concepts, procedures, and methods in the context of medical laboratory testing.

### MTCP4509. Introduction To Immunology

MTCP4580. Clinical Practice Immunology

instructors.

MTCP4500. Immunology Review

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.

Prerequisite: MTCP 4509, Introduction to Immunology or satisfactory completion of course in

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

Immunology at another college or university and MTC4500, Immunology Review

Grading System: ABCDF

2 credit hours

MTCP4585. Clinical Practice Immunology

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

Grading System: ABCDF

2 credit hours

MTCP4600. Laboratory Math and Quality Control

Grading System: ABCDF

2 credit hours

1 credit hours

Grading System: ABCDF

Clinical application and practice of immunological testing. Theory, instrumentation, quality control,

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

### 3 credit hours MTCP4620. Clinical Chemistry II (lecture) 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 3 credit hours MTCP4630. Clinical Chemistry II Lab 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

Grading System: ABCDF

2 credit hours

6 credit hours

2 credit hours

### **MTCP4680.** Clinical Practice Chemistry Prerequisite: MTCP 4620 and MTCP 4680

of care testing and cholesterol screening on patient samples.

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

Prerequisite: MTCP 4620 and MTCP 4680

MTCP4780. Clinical Practice Blood Bank

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. Immunohematology

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

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Catalog - Course Listing

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

2 credit hours

2 credit hours

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 Analysis

MTCP4785. Clinical Practice Blood Bank

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

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

MTCP4885. Clinical Practice Hematology

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

2 credit hours

2 credit hours

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

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Catalog - Course Listing

MTCD4200. Library Research

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

MTCD4380. Laboratory Management Project

Prerequisite: None

instructor.

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

Grading System: ABCDF

2 credit hours

Prerequisite: Microbiology A brief review of the basic techniques used in clinical microbiology and the clinically significant

using a variety of methods, including the Internet, and a final written project.

bacteria, fungi, and parasites.

MTCD4405. Microbiology Review

### MTCD4425. Clinic Microbiology II Lecture

Prerequisite: Admission to the program.

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

### MTCD4480. Clinical Practice Microbiology

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.

MTCD4500. Immunology Review

Prerequisite: MLT certification and/or Immunology course

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

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

1 credit hours

1 credit hours

1 credit hours

2 credit hours

3 credit hours

Grading System: ABCDF

2 credit hours

Grading System: ABCDF

Grading System: ABCDF

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

Grading System: ABCDF

1 credit hours

### MTCD4509. Introduction To Immunology

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

2 credit hours

Prerequisite: MTCD 4500, Immunology Review

MTCD4586. Immunology in Clinical Practice I Prerequisite: Concurrent enrollment in MTCD 4500

MTCD4580. Clinical Practice 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

1 credit hours

Clinical application and practice of immunological testing as related to immunohematology and chemistry. 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

1 credit hours

MTCD4587. Immunology in Clinical Practice II Prerequisite: Concurrent enrollment in MTCD 4500

Clinical application and practice of immunological testing as related to microbiology and hematology. 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

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

### MTCD4620. Clinical Chemistry II (lecture)

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

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

Grading System: ABCDF

2 credit hours

Prerequisite: Co-requisite MTCD 4720

MTCD4780. Clinical Practice Blood Bank

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

2 credit hours

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

3 credit hours

### MTCD4880. Clinical Practice Hematology

MTCD4820. Advanced Hematology Lecture

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

2 credit hours

3 credit hours

2 credit hours

3 credit hours

# MTCD4720. Immunohematology Lecture

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.

MTCD4810. Hematology and Fluids Review

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

Catalog - Course Listing	
MTCI4900. Directed Individual Study-General	1 - 3 credit hours
Prerequisite: Permission of instructor	
General laboratory science related projects.	
	Grading System: ABCDF
MTCI4903. Directed Individual Study-Management	1 - 3 credit hours
Prerequisite: Permission of instructor	
Management related projects in medical technology.	
	Grading System: ABCDF
MTCI4904. Directed Individual Study-Microbiology	1 - 3 credit hours
Prerequisite: Permission of instructor	
Related-related project that includes classroom presentations and related re	
	Grading System: ABCDF
MTCI4905. Directed Individual Study-Immunology	1 - 3 credit hours
Prerequisite: Permission of instructor	
Immunology related project.	
	Grading System: ABCDF
MTCI4906. Directed Individual Study-Chemistry	1 - 3 credit hours
Prerequisite: Permission of instructor	
Chemistry related project.	
	Grading System: ABCDF
MTCI4907. Directed Individual Study-Immunohematology	1 - 3 credit hours
Prerequisite: Permission of instructor	
Blood Bank related project.	
	Grading System: ABCDF
MTCI4908. Directed Individual Study-Hematology	1 - 3 credit hours
Prerequisite: Permission of instructor	
Hematology related project.	
	Grading System: ABCDF

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Catalog - Course Listing

### NMT3611. Principles of Nuclear Medicine I

Prerequisite: Admission to the program.

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

### NMT3612. Principles of Nuclear Medicine II

NMT3623. Clinical Correlation Seminar

Prerequisite: NMT 3611 AND NMT 3612

Prerequisite: NMT 3611

presentations.

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

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

Grading System: ABCDF

Grading System: ABCDF

1 credit hours

4 credit hours

4 credit hours

Grading System: ABCDF

3 credit hours

3 credit hours

Grading System: ABCDF

1 - 3 credit hours

# NMT3643. Clinical Internship

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.

NMT4602. Independent Study/research (elective)

Prerequisite: Senior level status in Department

### NMT3642. Clinical Internship

NMT3641. Clinical Internship Prerequisite: Admission to program.

Prerequisite: NMT 3641

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

procedures under direct supervision of clinical instructor.

Prerequisite: NMT 3641, NMT 3642

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

Grading System: ABCDF

Grading System: ABCDF

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

### 1 - 3 credit hours

Grading System: ABCDF

4 credit hours

Grading System: ABCDF

4 credit hours

Grading System: ABCDF

2 credit hours

2 credit hours

Grading System: ABCDF

Grading System: ABCDF

# NMT4602C. Independent Study/research (elective)

Prerequisite: Senior level status in Nuclear Medicine Technology

Prerequisite: Senior level status in Nuclear Medicine Technology

radiopharmaceutical development, and quality control are emphasized.

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.

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

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.

# NMT4641. Clinical Practicum

NMT4623C. Radiochemistry

NMT4623. Radiochemistry

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.

**NMT4641C. Clinical Practicum** 

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.

#### NMT4642. Clinical Practicum

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 Practicum

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

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2 credit hours

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Catalog - Course Listing

#### **OCC3100.** Professional Foundations in Occupational Therapy

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 Therapy

Prerequisite: Admission into program, concurrent with ANM3500

Prerequisite: Admission into program, concurrent with ANM3500

Prerequisite: Program admission

**OCC3151.** Biomechanical Measurements

**OCC3151CO.** Biomechanical Measurements

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.

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

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

Grading System: ABCF

2 credit hours

Grading System: ABCF

2 credit hours

3 credit hours

3 credit hours

# **OCC3170.** Activity Analysis

edema in normal subjects.

edema in normal subjects.

Prerequisite: Admission to program

**OCC3170CO.** Activity Analysis

Prerequisite: Admission to program

Study of fundamental concepts in the use and analysis of purposeful activity as a therapeutic medium in occupational therapy. Includes the learning, experiencing, analyzing, and teaching of activity of daily living, work, and leisure/play. Includes introduction to group process, teaching and leading typical groups using a variety of activities in the occupational performance areas.

Grading System: ABCF

Grading System: ABCF

3 credit hours

Study of fundamental concepts in the use and analysis of purposeful activity as a therapeutic medium in occupational therapy. Includes the learning, experiencing, analyzing, and teaching of activity of daily living, work, and leisure/play. Includes introduction to group process, teaching and leading typical groups using a variety of activities in the occupational performance areas.

Grading System: ABCF

3 credit hours

## OCC3200. Clinical Reasoning in Occupational Therapy

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

# **OCC3200CO.** Clinical Reasoning in Occupational Therapy

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.

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

2 credit hours

3 credit hours

2 credit hours

3 credit hours

# **OCC3252CO.** Movement Analysis

**OCC3270.** Therapeutic Adaptation

Prerequisite: First Semester courses

**OCC3252.** Movement Analysis

Prerequisite: OCC3151, ANM3500, and ITD3003

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

Grading System: ABCF

**OCC3450CO.** Clinical Conditions

Prerequisite: Completion of first semester courses

Adaptation of the person, environment and/or task to promote occupational performance. Includes resources and techniques for adaptive self-care, home management, leisure, communication strategies, stress management and planning life skills groups.

Grading System: ABCF

### **OCC3270CO.** Therapeutic Adaptation 3 credit hours Prerequisite: First Semester courses Adaptation of the person, environment and/or task to promote occupational performance. Includes resources and techniques for adaptive self-care, home management, leisure, communication strategies, stress management and planning life skills groups. Grading System: ABCF **OCC3450.** Clinical Conditions 3 credit hours Prerequisite: Completion of first semester courses

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: ABCF

3 credit hours

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: ABCF

OCC4300. Development and Dysfunction of the Child and Adolescent	3 credit hours
Prerequisite: First semester courses; concurrent with OCC4370	
Study of typical and atypical development of sensorimotor, cognitive and psychosocial per components, acquisition of occupational roles, and influence of environment in the 0-21 p Fieldwork experiences in community and clinical environments.	
	System: ABCF
OCC4300CO. Development and Dysfunction of the Child and Adolescent	3 credit hours
Prerequisite: First semester courses; concurrent with OCC4370	

Study of typical and atypical development of sensorimotor, cognitive and psychosocial performance components, acquisition of occupational roles, and influence of environment in the 0-21 population. Fieldwork experiences in community and clinical environments.

Grading System: ABCF

# OCC4303. Development and Dysfunction of the Child and Adolescent

Prerequisite: First semester courses; concurrent with OCC 4373

Typical and atypical development of sensorimotor, cognitive, and psychosocial performance components, acquisition of occupational roles, and influence of environment in the 0-21 population. Enable students to employ the occupational therapy process in identification and evaluation of children with atypical development. Pediatric frames of reference with specific application of occupational performance, developmental, and sensorimotor theories. Includes Level I fieldwork in community and clinical environments.

Grading System: ABCF

# OCC4303CO. Development and Dysfunction of the Child and Adolescent

Prerequisite: First semester courses; concurrent with OCC 4373

Typical and atypical development of sensorimotor, cognitive, and psychosocial performance components, acquisition of occupational roles, and influence of environment in the 0-21 population. Enable students to employ the occupational therapy process in identification and evaluation of children with atypical development. Pediatric frames of reference with specific application of occupational performance, developmental, and sensorimotor theories. Includes Level I fieldwork in community and clinical environments.

Grading System: ABCF

OCC4310. Mental Health Programming

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

4 credit hours

Prerequisite: Completion of second semester courses

**OCC4310CO.** Mental Health Programming

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

OCC4343. Adult Models of Practice

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.

3 credit hours

3 credit hours

4 credit hours

# **OCC4343CO.** Adult Models of Practice

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

Grading System: ABCF

# **OCC4352.** Movement Analysis

**OCC4352CO.** Movement Analysis

**OCC4370.** Therapeutic Activity

**OCC4370CO.** Therapeutic Activity

Prerequisite: OCC3151, ANM3500, and ITD3003

Prerequisite: OCC3151, ANM3500, and ITD3003

Prerequisite: OCC 3270, concurrent with OCC4300

Prerequisite: OCC 3270, concurrent with OCC4300

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.

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

Grading System: ABCF

2 credit hours

2 credit hours

underlying impairments that negatively influence movement and compromise function. Grading System: ABCF

3 credit hours

Grading System: ABCF

3 credit hours

Practice course focusing on developmental activities and sensorimotor techniques for children and adolescents, computers in treatment and group activities for teaching life skills.

Practice course focusing on developmental activities and sensorimotor techniques for children and

adolescents, computers in treatment and group activities for teaching life skills.

Grading System: ABCF

3 credit hours

#### OCC4373. Therapeutic Activities in Children and **Adolescents**

Prerequisite: OCC3270, concurrent with OCC4303.

Practical application of developmental activities and sensory, motor, cognitive, and psychosocial techniques used in intervention with children and adolescents including the use of technology. Emphasizes treatment planning and implementation within the pediatric frames of reference.

Grading System: ABCF

### **OCC4373CO.** Therapeutic Activities in Children and 3 credit hours **Adolescents** Prerequisite: OCC3270, concurrent with OCC4303. Practical application of developmental activities and sensory, motor, cognitive, and psychosocial techniques used in intervention with children and adolescents including the use of technology. Emphasizes treatment planning and implementation within the pediatric frames of reference. Grading System: ABCF 4 credit hours **OCC4400.** Treatment Methods in Adult Dysfunction Prerequisite: OCC4370 Clinical reasoning, frames of reference and occupational therapy techniques for physical dysfunction in adults including acute and chronic conditions which influence occupational performance and performance components. Includes fieldwork. Grading System: ABCF **OCC4400CO.** Treatment Methods in Adult Dysfunction 4 credit hours Prerequisite: OCC4370 Clinical reasoning, frames of reference and occupational therapy techniques for physical dysfunction in adults including acute and chronic conditions which influence occupational performance and performance components. Includes fieldwork. Grading System: ABCF **OCC4404. Treatment Methods in Adult Physical** 4 credit hours **Dysfunction** Prerequisite: Successful completion of second semester courses, concurrent with OCC4473 Clinical reasoning, frames of reference and interventions for physical dysfunction in adults including acute and chronic conditions which influence functional outcomes in occupational performance. Includes Level I Fieldwork.

Grading System: ABCF

OCC4404CO. Treatment Methods in Adult Physical Dysfunction

Prerequisite: Successful completion of second semester courses, concurrent with OCC4473 Clinical reasoning, frames of reference and interventions for physical dysfunction in adults including acute and chronic conditions which influence functional outcomes in occupational performance. Includes Level I Fieldwork.

Grading System: ABCF

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#### OCC4450. Conditions and Physical Dysfunction

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

3 credit hours

Grading System: ABCF

3 credit hours

Grading System: ABCF

3 credit hours

Prerequisite: None Practice course focusing on occupational therapy skills used for a variety of clinical conditions seen in

adults. Includes use of purposeful activities, thermal agents, design and construction of adaptive equipment, splinting and selected treatment techniques Grading System: ABCF

**OCC4473.** Practice Skills

**OCC4470CO.** Practice Skills

Prerequisite: Completion of second semester courses, concurrent with OCC4404 Development and application of skills used for a variety of clinical conditions. Includes selection, design and construction of adaptive equipment, 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

### **OCC4473CO.** Practice Skills

Prerequisite: Completion of second semester courses, concurrent with OCC4404 Development and application of skills used for a variety of clinical conditions. Includes selection, design and construction of adaptive equipment, 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

3 credit hours

# 3 credit hours

# **OCC4450CO.** Clinical Conditions

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

**OCC4470.** Practice Skills

Prerequisite: None

Practice course focusing on occupational therapy skills used for a variety of clinical conditions seen in adults. Includes use of purposeful activities, thermal agents, design and construction of adaptive equipment, splinting and selected treatment techniques

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Catalog - Course Listing

### **OCC4483. Occupational Therapy Research**

Prerequisite: Completion of second semester courses

Application of the research process by conducting an in-depth critique of the literature, deriving clinical implications from analysis of the literature, and creating a research proposal regarding an issue of clinical interest.

Grading System: ABCF

### **OCC4483CO. Occupational Therapy Research**

Prerequisite: Completion of second semester courses

Application of the research process by conducting an in-depth critique of the literature, deriving clinical implications from analysis of the literature, and creating a research proposal regarding an issue of clinical interest.

Grading System: ABCF

2 credit hours

2 credit hours

Prerequisite: OCC 3252

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

### **OCC4492CO.** Worker Role and Ergonomics

**OCC4492.** Worker Role and Ergonomics

Prerequisite: OCC 3252

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

3 credit hours

Prerequisite: All 4300 and 4400 Course work.

OCC4500. Advanced Clinical Reasoning

Application of clinical reasoning for writing treatment protocols and critical pathways, setting treatment priorities, treating varied caseloads and complex cases, justifying treatment, and collaborating with a team in traditional and non-traditional practice arenas.

Grading System: ABCF

3 credit hours

Grading System: ABCF

# OCC4500CO. Advanced Clinical Reasoning

Prerequisite: All 4300 and 4400 Course work.

Application of clinical reasoning for writing treatment protocols and critical pathways, setting treatment priorities, treating varied caseloads and complex cases, justifying treatment, and collaborating with a team in traditional and non-traditional practice arenas.

3 credit hours

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#### OCC4580A. Occupational Therapy Service Management

Prerequisite: All 4300 and 4400 level courses

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

#### **OCC4580ACO. Occupational Therapy Service Management** Prerequisite: All 4300 and 4400 level courses

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.

OCC4580B. Occupational Therapy Service Management

**OCC4580BCO.** Occupational Therapy Service Management

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

Grading System: ABCF

3 credit hours

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.

#### OCC4610. Investigation of a Problem

Prerequisite: Permission of instructor Student investigation of a topic of interest or need.

# **OCC4610CO.** Investigation of a Problem

Prerequisite: Permission of instructor Student investigation of a topic of interest or need.

Grading System: ABCF

#### 0 credit hours

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1 - 3 credit hours

Grading System: ABCF

Grading System: ABCF

1 - 3 credit hours

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Catalog - Course Listing

#### **OCC4620.** Pediatric Practice and School Systems

Prerequisite: Completion of OCC4300 and OCC4400

**OCC4620CO.** Pediatric Practice and School Systems

Advanced studies in pediatric practice to focus 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. May include Level I fieldwork.

Grading System: ABCF

1 - 3 credit hours

## Prerequisite: Completion of OCC4300 and OCC4400 Advanced studies in pediatric practice to focus 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. May include Level I fieldwork. Grading System: ABCF 1 - 3 credit hours **OCC4630.** Cognitive Rehabilitation 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 **OCC4630CO.** Cognitive Rehabilitation 1 - 3 credit hours 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 1 - 3 credit hours **OCC4650.** Stress Management Programs 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 1 - 3 credit hours **OCC4650CO. Stress Management Programs** 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

1 - 3 credit hours

1 - 3 credit hours

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Prerequisite: Completion of OCC4300 and OCC4400 level courses

OCC4660CO. Advanced Splinting in Hand and Upper

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

Extremity Rehabilitation	1 - 3 credit hours
Prerequisite: Completion of OCC4300 and OCC4400 level courses	
Application of hand splinting principles introduced in OCC4473 Practice Ski rehabilitation, opportunity to develop skills in the application and fabrication Analysis of the clinical need, selection of appropriate splint treatment and co device.	of advanced splints.
	Grading System: ABCF
OCC4670CO. Private Practice in Occupational Therapy	1 - 3 credit hours
Prerequisite: Completion of OCC 4300 and OCC 4400 level courses	
Development and delivery of occupational therapy programs in private practi	U
	Grading System: ABCF
<b>OCC4680. Occupational Therapy in the Work Place</b> Prerequisite: Completion of OCC4300 and OCC4400 level courses	1 - 3 credit hours
Application of occupational therapy principles to evaluation, training and reh for worker tasks, worker roles and environment adaptations.	abilitation of individuals
	Grading System: ABCF
<b>OCC4680CO. Occupational Therapy in the Work Place</b> Prerequisite: Completion of OCC4300 and OCC4400 level courses	1 - 3 credit hours
Application of occupational therapy principles to evaluation, training and reh for worker tasks, worker roles and environment adaptations.	abilitation of individuals
	Grading System: ABCF
<b>OCC4690. Research Project</b> Prerequisite: Completion of OCC4300 and OCC4400 level courses	1 - 3 credit hours
Individual research project dealing with an area of interest the student under member	the supervision of a faculty
	Grading System: ABCF
<b>OCC4690CO. Research Project</b> Prerequisite: Completion of OCC4300 and OCC4400 level courses	1 - 3 credit hours
1 recontinue. Completion of OCC+500 and OCC++00 reverses	

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	9 credit hours
Prerequisite: OCC 4500	
Full-time fieldwork experience applying clinical reasoning in a practice enviro	nment.
	Grading System: ABCF
OCC4700CO. Fieldwork Experience A	9 credit hours
Prerequisite: OCC 4500	
Full-time fieldwork experience applying clinical reasoning in a practice enviro	nment
	Grading System: ABCF
OCC4800. Fieldwork Experience B	9 credit hours
Prerequisite: OCC 4700	
Fulltime fieldwork experience applying clinical reasoning in a practice enviror	nment
	Grading System: ABCF
OCC4800CO. Fieldwork Experience B	9 credit hours
Prerequisite: OCC 4700	
Fulltime fieldwork experience applying clinical reasoning in a practice enviror	nment
	Grading System: ABCF
OCC4900. Elective Fieldwork	6 credit hours
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
OCC4900CO. Elective Fieldwork	6 credit hours
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

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### ANMD3140. Oral Anatomy and Physiology

4 credit hours

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** 

PAD3080. Physical Diagnosis

PAD3280. Clinical Medicine I

Prerequisite: None Perform physical exams, take medical histories, use basic hand instruments in performing physical examinations. Normal findings emphasized.

Grading System: ABCDF

Prerequisite: PAD 3080, ANN 3320	
Intense didactic course exploring pathophysiology of disease processes (phy	sical and mental) and
relationships among symptoms, objective and laboratory findings.	
	Grading System: ABCDF
PAD3290. Clinical Medicine II	9 credit hours
Prerequisite: PAD3280	
Continuation of PAD3280	
	Grading System: ABCDF
PAD3310. Clinical Medicine III	10 credit hours
Prerequisite: PAD3290	
Continuation of PAD3290	
	Grading System: ABCDF
PAD3430. Surgical and Acute Care	3 credit hours
Prerequisite: PAD 3280, PAD 3080, ANN 3320	
Common and acute care surgical problems frequently encountered. Laborato students to aseptic technique, surgical instruments, suturing and wound mana	•
room demeanor.	Grading System: ABCDF
<b>PAD3470. Medical Communication Skills and Terminology in P</b> Prerequisite: None	2 credit hours
Learn and develop effective terminology and communication skills for elicit	ing patient histories and
communicating this information to other members of health care team. Empl competent medical interviews. Skills practiced in Clinical Medicine I and II.	hasis given to performing
competent medical metric ws. Skins practiced in chinear tricalenie i and in.	Grading System: ABCDF
PAD3480. Psychosocial Issues in Health Care I	1 credit hours

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

5 credit hours

PAD3990. Independent Study 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. Preceptorship 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 Prerequisite: All Phase I courses Encounter a variety of clinical problems in family practice setting. Grading System: ABCDF **PAD4040.** Internal Medicine 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 Prerequisite: All Phase I courses Learn to evaluate health problems that occur from birth through adolescence. Grading System: ABCDF PAD4060. Obstetrics and Gynecology Prerequisite: All Phase I courses Learn to evaluate and manage health issues associated with female organs including pregnancy. Grading System: ABCDF

#### PAD3490. Psychosocial Issues in Health Care II

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

0 credit hours

6 credit hours

**PAD4070. Mental Health** Prerequisite: All Phase I courses

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

Grading System: ABCDF

6 credit hours

<b>PAD4180. Surgery</b> Prerequisite: All Phase I courses Students encounter principles of surgical management of patients including: pr and operating room care.	6 credit hours reoperative, postoperative
	Grading System: ABCDF
PAD4200. Emergency Medicine Prerequisite: Phase I courses	6 credit hours
Learn to evaluate and manage a variety of problems that typically present to a procedures that are commonly performed.	hospital ER and to master
	Grading System: ABCDF
PAD4900. Independent Study Prerequisite: None	0 credit hours
Electives provide additional or initial exposure to clinical specialties under the physician certified in that particular specialty.	supervision of a
	Grading System: ABCDF

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# **RTR3611.** Radiographic Procedures 1

Catalog - Course Listing

Prerequisite: Admission to the program.

**RTR3612.** Radiographic Procedures 2 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.

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

Grading System: ABCDF

4 credit hours

6 credit hours

Grading System: ABCDF

4 credit hours

Grading System: ABCDF

2 credit hours

Grading System: ABCDF

2 credit hours

Grading System: ABCDF

4 credit hours

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.

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Grading System: ABCDF

# anatomy visualized.

### **RTR3621. Radiographic Technique**

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.

**RTR3630.** Introduction to Radiographic Physics

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.

**RTR3631.** Radiologic Science

**RTR3641.** Clinical Internship

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.

#### **RTR3642.** Clinical Internship

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 Internship 5 credit hours 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

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

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

Prerequisite: Certified technologist or permission of instructor. Concepts of CT physics and instrumentation, imaging procedures and protocols, and patient care/management in CT.

**RTR4631C.** Principles and Instrumentation of CT

Prerequisite: Certified technologist or permission of instructor. Concepts of CT physics and instrumentation, imaging procedures and protocols, and patient care/management in CT.

# **RTR4632.** Principles and Instrumentation of Mammography

Prerequisite: Certified radiographer or permission of instructor.

1 credit hours

3 credit hours

Grading System: ABCDF

3 credit hours

Grading System: ABCDF

3 credit hours

4 credit hours

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

#### Grading System: ABCDF

#### 3 credit hours **RTR4632C.** Principles and Instrumentation of Mammography

Prerequisite: Certified radiographer or permission of instructor.

Prerequisite: Precalculus and PCS 3631; permission of instructor.

Prerequisite: Precalculus and PCS 3631; permission of instructor.

procedures and protocols, and patient care/management in MRI presented.

procedures and protocols, and patient care/management in MRI presented.

**RTR4633.** Principles and Instrumentation of MRI

**RTR4633C.** Principles and Instrumentation of MRI

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

motion, or flow, introduced with their various interpretations and effects on image contrast. Imaging

Grading System: ABCDF

3 credit hours

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

Grading System: ABCDF

3 credit hours

motion, or flow, introduced with their various interpretations and effects on image contrast. Imaging

Grading System: ABCDF

2 credit hours

Prerequisite: Admission to program.

**RTR4637.** Quality Control in Radiography

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.

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

Grading System: ABCDF

1 - 3 credit hours

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

Prerequisite: Admission to program.

**RTR4641.** Clinical Internship

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

<b>RTR4652. Independent Study</b> Prerequisite: Admission to the program.	1 - 4 credit hours
Pursuit of a topic or course of study, or investigation of a problem, of interest by instructor.	to student and approved
	Grading System: ABCDF
RTR4652C. Independent Study	1 - 4 credit hours
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

**RTR4660C.** Clinical Practicum

Prerequisite: Admission to the program.

radiologic disciplines and/or specialties.

**RTR4661. CT Clinical Practicum** 

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

3 credit hours

Grading System: ABCDF

3 credit hours

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.

from available rotations, such as: quality control, quality assurance, angiography, teaching, and

Grading System: ABCDF

**RTR4661C. CT Clinical Practicum** 

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

3 credit hours

3 credit hours

Opportunity for clinical experience in practice setting(s) through assignment to one or two sites selected

Prerequisite: RTR 4632 (may be concurrent) or permission of instructor.

image acquisition and procedural protocols.

### **RTR4663. MRI Clinical Practicum** 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.

**RTR4663C. MRI Clinical Practicum** 

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

3 credit hours

3 credit hours

Prerequisite: None

**RTR4664.** Clinical Practicum

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

Grading System: ABCDF

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### **RTR4662.** Mammography Clinical Practicum

Catalog - Course Listing

Opportunity for clinical experience in practice setting(s) for skills development in patient management,

# **RTR4662C.** Mammography Clinical Practicum

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

Grading System: ABCDF

3 credit hours

3 credit hours

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Catalog - Course Listing

#### **RTT3641. Radiation Oncology Clinical Internship**

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

Prerequisite: Admission to the program.

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

### **RTT3643.** Radiation Oncology Clinical Internship

Prerequisite: Admission to the program.

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

### **RTT4601.** Principles of Radiation Oncology

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

Grading System: ABCDF

### **RTT4613.** Quality Assurance in Radiation Oncology

Prerequisite: Admission to the program.

**RTT4615. Radiation Oncology Seminar** 

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**

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

3 credit hours

2 credit hours

Prerequisite: Senior standing or permission of instructor.

Review of radiation therapy literature through research, discussions and student or guest presentation. Grading System: ABCDF

#### 4 credit hours

4 credit hours

Grading System: ABCDF

6 credit hours

4 credit hours

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Catalog - Course Listing

#### **RTT4621.** Cancer Management in Radiation Oncology

**RTT4640.** Radiation Oncology Clinical Internship

Prerequisite: Admission to the program.

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

# 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** 3 credit hours 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 4 credit hours 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 6 credit hours 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

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**

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

3 credit hours

4 credit hours

5 credit hours

**RTT4646.** Medical Dosimetry Clinical Internship

Prerequisite: Admission to the program.

RTT4647. Medical Dosimetry Special Topics	3 credit hours
Prerequisite: Admission to the program.	
Review of current literature in medical dosimetry, to include data on recent te	chnical advances in
practice, current and future trends. Student presentation and discussion empha	
	Grading System: ABCDF
RTT4647C. Medical Dosimetry Special Topics	3 credit hours
Prerequisite: Admission to the program.	
Review of current literature in medical dosimetry, to include data on recent te	chnical advances in
practice, current and future trends. Student presentation and discussion empha	
r i i i i i i i i i i i i i i i i i i i	Grading System: ABCDF
RTT4648. Applied Project	4 credit hours
Prerequisite: Admission to the program.	
Directed project in which the student works independently on a project related education in radiation oncology.	d to management or
educution in radiation oneorogy.	Grading System: ABCDF
RTT4648C. Applied Project	4 credit hours
Prerequisite: Admission to the program.	
Directed project in which the student works independently on a project related education in radiation oncology.	d to management or
	Grading System: ABCDF

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.

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6 credit hours

Grading System: ABCDF

#### **RSC3602.** Problem Based Learning in Radiologic Patient Management

Prerequisite: Admission to department programs.

**RSC3611. Introduction To Radiologic Patient Care** 

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

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

Prerequisite: Admission to program.

**RSC3613.** Professional-patient Interaction

**RSC3633.** Radiation Protection and Biology

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

3 credit hours

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

2 credit hours

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

**RSC4602.** Sectional Anatomy

Prerequisite: Admission to department programs.

2 credit hours

1 credit hours

2 credit hours

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Catalog - Course Listing

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

# 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 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

Prerequisite: Admission to department program

**RSC4610.** Advanced Radiologic Patient Care

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

Grading System: ABCDF

2 credit hours

3 credit hours

Grading System: ABCDF

#### **RSC4621C.** Pathology in Radiologic Sciences 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.

**RSC4653.** Research Designs and Statistical Methods in **Radiologic Sciences** 

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.

2 credit hours

2 credit hours

# **RSC4653C.** Research Designs and Statistical Methods in Radiologic Sciences

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

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#### **RSM4632.** Management of the Radiology 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 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

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2 credit hours

#### PCS3610. Advanced Medical Dosimetry and Treatment Planning

Prerequisite: Admission into the program.

Detailed study of patient dosimetry for radiation therapy. Advanced planning techniques for external beam and brachytherapy. Treatment planning projects assigned to illustrate various techniques. Emphasis on comparison of treatment methods for selected anatomical sites.

**PCS3631.** Physics of Diagnostic Imaging and Information

# **Systems**

Prerequisite: PCS 3631

medicine laboratory instrumentation.

**PCS4631.** Physics of Radiation Oncology

radiation therapy equipment are included.

PCS4632. Radiation Oncology Dosimetry

Prerequisite: PCS 4631

Prerequisite: Pre-Calculus or permission of instructor

**PCS3650.** Sonologic Physics

Prerequisite: Admission to the department program.

PCS3632. Physics of Nuclear Medicine Technology

Review of physics foundations based on energy and matter applied to diagnostic imaging; principles of ionizing radiation and sound; and interactions of energy with matter. Study of principles of physical and technical aspects of medical analog image formation. Introduces fundamentals of computer-aided medical digital imaging and computer-based image archiving and retrieving networks.

Grading System: ABCDF

4 credit hours

Grading System: ABCDF

3 credit hours

Prerequisite: College Algebra (pre-calculus recommended), completion of DMS 3610, or permission of Instructor/Program Director.

Theory of operation of nuclear medicine laboratory instrumentation presented in lectures coordinated with weekly experiments in directed laboratory sessions. Major emphasis on quality control of nuclear

Course focuses on acoustical physics. Properties and physical principles of ultrasound are covered including: sound production, ultrasound interaction with human tissue, transducers, machine controls, biological effects, and quality assurance techniques.

matter, radiation detection and measurement, and radiation safety. Design and principles of operation of

Grading System: ABCDF

Introduction to radiation physics with emphasis on radiation therapy physics. Basic principles of

Grading System: ABCDF

3 credit hours

# radiation such as radioactive decay, production of x-rays, radiation quality, radiation interaction with

#### 3 credit hours

4 credit hours

Grading System: ABCDF

Application of physics learned in PCS 4631 to radiation oncology. Concepts of dose distribution in tissue patient treatment approaches and planning techniques. Calculation systems for photon, electron, and Brach therapy treatments included and all modification factors for treatment devices, patient geometry, and machine parameters considered in depth. Course designed to augment the student's clinical knowledge from rotations in radiation therapy and radiation dosimetry.

Grading System: ABCDF

2 credit hours

PCS4633. Advanced Imaging Techniques Prerequisite: Pre-Calculus; PCS 3631

Advanced applications of medical digital images and computer systems. Didactic lecture series and hands-on laboratory exercises emphasize specialized areas of clinical utilization of computer hardware and software available in medical imaging departments as an instrument of medical diagnosis and therapy. Emphasizes three-dimensional reconstructive techniques.

Grading System: ABCDF

2 credit hours

PCS4633C. Advanced Imaging Techniques Prerequisite: Pre-Calculus; PCS 3631

Advanced applications of medical digital images and computer systems. Didactic lecture series and hands-on laboratory exercises emphasize specialized areas of clinical utilization of computer hardware and software available in medical imaging departments as an instrument of medical diagnosis and therapy. Emphasizes three-dimensional reconstructive techniques.

Grading System: ABCDF

4 credit hours

4 credit hours

Prerequisite: PCS 3631 & PCS 3632

Applications of nuclear medicine computer systems. Didactic lecture series and hands-on laboratory exercises emphasize the specialized areas of clinical utilization of computer hardware and software currently available in nuclear medicine departments as an instrument of medical diagnosis. Course also addresses physical principles and quality control of SPECT and PET imaging.

Grading System: ABCDF

# PCS4635C. Advanced Physics of Nuclear Medicine

**PCS4635.** Advanced Physics of Nuclear Medicine

Prerequisite: PCS 3631 & PCS 3632

Applications of nuclear medicine computer systems. Didactic lecture series and hands-on laboratory exercises emphasize the specialized areas of clinical utilization of computer hardware and software currently available in nuclear medicine departments as an instrument of medical diagnosis. Course also addresses physical principles and quality control of SPECT and PET imaging.

Grading System: ABCDF

3 credit hours

#### **PCS4636.** Advanced Medical Dosimetry and Treatment Planning

Prerequisite: Admission into the program.

Detailed study of patient dosimetry for radiation therapy. Advanced planning techniques for external beam and brachytherapy. Treatment planning projects assigned to illustrate various techniques. Emphasis on comparison of treatment methods for selected anatomical sites.

Grading System: ABCDF

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Catalog - Course Listing

Prerequisite: None

#### **RTH3199.** Medical Terminology

A self-study course introducing use of medical terminology. Programmed learning emphasizing work/construction, definition and use of medical terms.

Grading System: ABCDF

#### **RTH3205.** Fundamentals of Respiratory Care I

**RTH3207. Fundamentals of Respiratory Care Lab** 

Prerequisite: Acceptance into the program

An integrated approach to principles and applications of cardiopulmonary physiology, physical assessment, and basic respiratory care equipment and techniques.

Grading System: ABCDF

Grading System: ABCDF

2 credit hours

6 credit hours

Prerequisite: Acceptance into the program

An integrated approach to patient assessment and basic respiratory care equipment and techniques. Offers practical experience with the physical assessment and the function, administration, troubleshooting, and recommendation of respiratory equipment.

**RTH3209.** Pulmonary Rehabilitation

Prerequisite: RTH 3101, RTH 3202, RTH 3203

Introduction to gerontology and health promotion with chronic pulmonary diseases, including application of elements of multidisciplinary pulmonary rehabilitation program. Emphasized elements involve patient assessment and education, implementation of comprehensive exercise programs, and the role of respiratory care in the discharge of patients from acute care facilities to alternate care sites.

Grading System: ABCDF

#### **RTH3211. Introduction to Problem Based Learning**

Prerequisite: None

An introduction to the process of problem-based learning using small groups to discuss patient problems pertaining to cardiopulmonary disease. Development of communication, critical thinking, and peer teaching skills are emphasized. Orientation to and assessment of the effective use of electronic resources to research learning topics is included.

Grading System: ABCDF

3 credit hours

5 credit hours

Prerequisite: RTH3205 and RTH3207

A continuation of an integrative approach to the study and application of concepts in cardiopulmonary physiology, physical assessment, and respiratory care equipment technology.

Grading System: ABCDF

**RTH3310.** Cardiopulmonary Pathophysiology

**RTH3305.** Fundamentals of Respiratory Care II

1 credit hours

3 credit hours

http://www.oiri.mcg.edu/catalog/coursedesc.asp?cpref=RTH&cschool=Allied+Health+Sciences (2 of 4) [01/31/2001 10:07:33 AM]

Catalog - Course Listing

Prerequisite: Physiology, Anatomy, RTH 3202, RTH 3203

Study of clinical signs, symptoms, diagnosis, treatment and management of acute and chronic cardiopulmonary diseases with emphasis on role of respiratory care professional. Patient assessment skills are emphasized using case study approach, and group discussion.

Grading System: ABCDF

#### **RTH3311.** Cardiopulmonary Pathophysiology I

Prerequisite: None

RTH3320. Clinical 1

Clinical signs, symptoms, diagnosis, and management of selected cardiopulmonary diseases emphasizing the role of respiratory care professionals. Students' patient assessment, communication, and peer teaching skills are emphasized in small groups using the problem-based learning approach.

Grading System: ABCDF

2 credit hours

1 - 5 credit hours

Prerequisite: RTH 3202 & RTH 3203

Students perform basic respiratory care in acute care areas as well as alternate care sites. Emphasis is placed on patient assessment techniques, oxygen administration, aerosol therapy and CPR as well as other techniques aimed at improving the patient's health.

Grading System: Satisfactory/Unsatisfactory

#### **RTH4303.** Independent Study

Prerequisite: Permission of the instructor

**RTH4410.** Advanced Respiratory Care

An Opportunity to pursue course of study of particular interest in a non-resident or informal setting Grading System: ABCDF

### **RTH4407.** Management of the Mechanical Ventilator Patient

placed on hemodynamics airway care and monitoring techniques.

**RTH4411.** Cardiopulmonary Pathophysiology II

Prerequisite: RTH 3310

Prerequisite: RTH 3310

A study of intensive respiratory care patient management. Course emphasizes ventilator function, waveform analysis and patient assessment to achieve patient ventilator synchrony.

Grading System: ABCDF

3 credit hours

Grading System: ABCDF

3 credit hours

Prerequisite: None

Clinical signs, symptoms, diagnosis, and management of selected cardiopulmonary diseases emphasizing the role of respiratory care professionals. Students' patient assessment, communication, and peer teaching skills are emphasized in small groups using the problem-based learning approach.

Students will learn advanced respiratory care procedures and patient assessment methods. Emphasis is

3 credit hours

4 credit hours

#### **RTH4412.** Clinical Presentations

#### Prerequisite: None

A study of pulmonary conditions requiring critical care management and mechanical ventilation with an emphasis on the role of Respiratory Care. The course provides experience in searching medical records and support materials to make a written and verbal presentation of an actual clinical case.

Grading System: ABCDF

3 credit hours

3 credit hours

Prerequisite: RTH 3310

Comprehensive study of neonatal and pediatric respiratory care to include fetal development, labor and delivery, patient assessment, resuscitation techniques, cardiopulmonary diseases, and techniques of conventional and nonconventional mechanical ventilation.

Grading System: ABCDF

4 credit hours

5 credit hours

#### Prerequisite: RTH 4407, RTH 4410

Course is continuation of RTH 4407 with emphasis on advanced waveform analysis and diagnostics, including advanced pulmonary function testing procedures.

Grading System: ABCDF

#### **RTH4521.** Clinical II

**Function** 

Prerequisite: RTH 4412, RTH 4407, RTH 4410, RTH 4417

**RTH4515.** Advanced Ventilator Management and Pulmonary

**RTH4417.** Newborn and Pediatric Respiratory Care

Students perform advanced clinical procedures related to practice of respiratory care with supervision in variety of clinical settings. These settings include: adult, pediatric and neonatal intensive care units, hyperbarics, O.R., E.R., pulmonary function laboratory, sleep laboratory and alternate sites. Emphasis is placed on techniques of mechanical ventilation, hemodynamic monitoring, airway establishment and maintenance, patient evaluation and testing, and emergency respiratory care.

Grading System: Satisfactory/Unsatisfactory

#### **RTH4540.** Research in Respiratory Care

Prerequisite: None

the practice of respiratory care. Emphasis is placed on critical review of medical literature and its integration into clinical practice through the use of lectures and student presentations.

Grading System: ABCDF

2 credit hours

2 credit hours

### **RTH4622.** Clinical III

Prerequisite: RTH 4521, RTH 4515 Continuation of Clinical II.

#### Grading System: ABCDF

Introduction to the fundamentals of research and basic statistical analyses applied to literature related to

Catalog - Course Listing

#### **RTH4623.** Clinical IV

Prerequisite: RTH 4622, Concurrent Enrollment With RTH 4650

Students will travel to clinical affiliate where they will receive extensive experience in the practice of respiratory care.

Grading System: Satisfactory/Unsatisfactory

#### **RTH4650.** Respiratory Care Seminar

Prerequisite: None

Course includes discussion of recent trends in respiratory care. Students prepare a resume and practice interviewing/communication skills. Comprehensive written and clinical simulation examinations are administered.

**Return to Course Descriptions Home** 

Grading System: ABCDF

Grading System: ABCDF

1 credit hours

5 credit hours

#### Directories | Intranet | Search

#### Catalog 2000

**Allied Health Sciences** 

#### **Health Information Management**

- Health Information Management Home Page
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#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

# Department of Health Information Management

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**Graduate Programs** 

**Faculty** 

#### **Accreditation**

#### **Contact Information:**

Jim Condon Program Specialist Medical College of Georgia Department of Health Information Mgmt. Room AL-130 Augusta, Georgia 30912-0100 Phone:(706)721-3436 Fax:(706)721-6067 email: jcondon@mail.mcg.edu If you're not considering a degree in health information administration, you may be overlooking one of the next century's best career choices.

If a career as a health information professional strikes you as less than exciting, think again. These professionals are managers of health information, experts in processing, analyzing and reporting information vital to the health care industry. Well educated in computers, medical terminology, ethics, legal requirements and management



techniques, the health information professional innovates and develops systems that support quality patient care, medical research, health planning, health care evaluation and financial reimbursement for the health care institution.

Health information professionals are respected staff members who secure, analyze, manage and integrate medical records and other health information. Health care providers use this information to make health care decisions, and health care facilities and organizations use it to make business decisions. Health information professionals work in most health care settings and in insurance companies, law firms, government, information systems companies and many other business settings. Many become independent consultants.

The field has evolved to incorporate computer technology to ensure the best interests of patients and the cost-efficiency of health care facilities. Health information professionals are in high demand to transform paper-based systems to high-tech databases. The field is more exciting, challenging and rewarding as ever.

Because the demand for health information is growing so fast, the job market will expand rapidly through the year 2005. Salaries are rising as sharply as the demand - as much as 45 percent in a recent five-year period. The Jobs Rated Almanac ranks a career in health information among the top 12 percent of most satisfying professions in the categories of salary, stress level, work environment, career outlook, job security and physical demands.

School of Allied Health Sciences | Medical College of Georgia Please email comments, suggestions or questions to: Jim Condon, jcondon@mail.mcg.edu. January 19, 2001

#### Catalog 2000

**Allied Health Sciences** 

Health Information Management

#### **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 <u>core</u> <u>curriculum</u> 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 who first language is not English must submit official TOEFL scores. A minimum score of 550 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 <u>Office of Academic Admissions</u>.

Applications for admission are encouraged by July 1, but will continue to be accepted until the class has been filled.

**Medical College of Georgia** 

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

#### Catalog 2000

**Allied Health Sciences** 

Health Information Management

#### **Estimated Fees and Expenses**

In addition to <u>matriculation and other fees</u> 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

#### **Medical College of Georgia**

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#### Catalog 2000

Allied Health Sciences

Health Information Management

#### Curriculum

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.

Junior Year		
Fall		Credit Hours
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 3313	Pathophysiology	5
HIM 3414	Health Data Classification	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	Ouality Management	3
HIM 4415	Reimbursement and Case Mix Analysis	2
HIM 4518	Advanced Database Design and Health Information Systems Analysis	4
HIM 4622	Statistics and Research Methodology	3
	Semester Total	18
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	68

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

Catalog 2000

**Allied Health Sciences** 

Health Information Management

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#### **Academic Promotion and Graduation**

Students must make a C or better in all professional courses to continue in the program.

**Medical College of Georgia** 

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#### **Medical Technology**

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#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

Medical College of Georgia, Department of Medical Technology Homepage

# Medical College of Georgia Department of Medical Technology

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#### **Contact Information:**

Elizabeth Kenimer, Ed.D. Interim Chairman Medical College of Georgia Department of Medical

#### **CLINICAL LABORATORY SCIENCE**

#### **Professional Tasks and Working Environment**

Medical Technologists/Clinical Laboratory Scientists are medical professionals who work with physicians and other members of the health care team to perform laboratory tests used for diagnosis and treatment of disease and maintenance of health. They are trained in the five major disciplines of blood banking, chemistry, hematology, immunology and microbiology. In the hospital and clinical settings, they are responsible for analyzing blood, body fluids and tissues to detect disease. Computerized, automated instruments and analyzers are utilized in this process and the Medical Technologists are responsible for assuring that test results are accurate and reliable. They also



develop and evaluate new test procedures, perform quality control, educate other laboratory professionals, and manage the laboratory.

#### Types of Skills and Related Interests Most Suited to a Career in Medical Technology/Clinical Laboratory Science

Accuracy, dependability, a strong sense of responsibility, the ability to communicate effectively, consistently meet deadlines, as well as manual dexterity and good eyesight are essential.

Related career interests may include research scientist, physician, technical specialist, computer analyst, forensic serologist, toxicologist, pharmacist and veterinarian.

#### **Employment and Career Opportunities**

Medical Technologists/Clinical Laboratory Scientists are employed in a wide variety of settings such as hospital laboratories, medical clinics, physicians' offices or private laboratories, mission fields, armed forces, Peace Corps, Project HOPE, public health settings, research programs, pharmaceutical laboratories, veterinary clinics, and many types of industrial and educational settings. Medical College of Georgia, Department of Medical Technology Homepage

Technology AL-106 Augusta, Georgia (706) 721-3046 FAX (706) 721-7631 E-mail: <u>ekenimer@mail.mcg.edu</u>

#### **Salary Information**

Beginning salaries for recent graduates with baccalaureate degrees start at \$23,000 and range upward to \$70,000 for experienced laboratory managers.

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Directories | Intranet | Search

#### A

**Allied Health Sciences** 

Medical Technology

Catalog 2000

**Admission Criteria** 

Traditional 2+2 transfer program

One-year articulation program for certified MLTs and certified CLTs

Distance program for certified MLTs and certified CLTs

<u>One-year program for college graduates</u> with bachelors degrees in science

#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

#### Directories | Intranet | Search

#### Catalog 2000

#### Allied Health Sciences

Medical Technology

Admission Requirements

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 <u>core</u> <u>curriculum</u> 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. An interview is required.

5. 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 <u>Office of Academic Admissions</u>.

Applications for admission are encouraged by July 1, but will continue to be accepted until the class has been filled.

**Medical College of Georgia** 

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

#### Catalog 2000

#### Allied Health Sciences

Medical Technology

Admission Requirements

#### Admission Criteria

One-year and distance articulation program 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 <u>core</u> <u>curriculum</u> 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.

4. Two letters of recommendation are required.

5. Interviews are by invitation only.

6. Applicants who first language is not English must submit official TOEFL scores. A minimum score of 550 is required for admission consideration.

7. 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 <u>Office of Academic Admissions</u>.

Applications for admission are encouraged by April 1, but will continue to be accepted until the class has been filled.

**Medical College of Georgia** 

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

#### Catalog 2000

#### Allied Health Sciences

Medical Technology

Admission Requirements

#### 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 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 <u>Office of Academic Admissions</u>.

Applications for admission are encouraged by April 1, but will continue to be accepted until the class has been filled.

**Medical College of Georgia** 

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

#### **Catalog 2000**

#### Allied Health Sciences

Medical Technology

#### **Estimated Fees and Expenses**

In addition to <u>matriculation and other fees</u> common to all programs, there are expenses specific to medical technology. In some cases, costs may be higher.

	First Year	Second Year
Books and supplies	\$ 659	\$ 82
Uniforms, lab coats*	48	48
Other (memberships, graduation, etc.)**	90	243

\*Lab coats are to be worn in the student laboratories at all times, During clinical internships, students dress according to the laboratory's dress code.

\*\*Student membership in national and state professional organizations is encouraged but not required.

#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>.

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Medical College of Georgia

**Allied Health Sciences** 

#### Curriculum

#### Traditional 2+2 transfer program

Medical Technology

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<u>One-year program</u> for certified MLTs and certified CLTs and for college graduates with bachelors degrees in science

<u>Distance program</u>, part-time 2-year program for certified MLTs and certified CLTs

#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

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#### **Allied Health Sciences**

#### Medical Technology

#### **Curriculum** Traditional 2+2 transfer program

Directories	Intranet	Search
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Junior Year		
Fall		Credit Hours
MTCC 3240	Basic Professional Concepts	5
AHS 3620	Education	1
MTCC 3640	Clinical Chemistry I	2
BMB 3450	Biochemistry	3
HIM 3312	Medical Terminology	2
	Semester Total	13

Spring		
MTCC 3840	Clinical Hematology/Fluid Analysis	3
MTCC 3200	Library Research	1
MTCC 3440	Clinical Microbiology I	3
MTCC 3540	Immunology	4
MTCC 3280	Junior Clinical Practice	1
	Semester Total	12

Summer		
MTCC 4740	Immunohematology	6
MTCC 4420	Microbiology II (Lecture)	3
MTCC 4430	Microbiology II (Lab)	3
	Semester Total	12

Senior Year		
Fall		
MTCC 4620	Clinical Chemistry II (Lecture)	3
MTCC 4630	Clinical Chemistry II (Lab)	3

MTCC 4840	Advanced Hematology	6
	Begin First Internship	
	Semester Total	12
	_	
Spring		
	Complete First Internship	2
	Remaining Internships	8
MTCC 4380	Management Project	1
MTCC 4320	Laboratory Management	1
	Semester Total	12

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

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#### Curriculum

One-year program for certified MLTs and certified CLTs and for college graduates with bachelors degrees in science

Summer		Credit Hours
MTCM/P 4740	Immunohematology	6
MTCM/P 4420	Microbiology II (Lecture)	3
MTCM/P 4430	Microbiology II (Lab)	3
MTCM/P 4400	Microbiology Review	2
MTCM/P 4500	Immunology Review	2
	Semester Total	16
Fall		
MTCM/P 4185	Venipuncture	1
AHS 3620	Principles of Education	1
MTCM/P 4600	Lab Math/QC	2
MTCM/P 4800	Basic Hematology/Fluid Analysis	2
MTCM/P 4620	Clinical Chemistry II (Lecture)	3
MTCM/P 4630	Clinical Chemistry (Lab)	3
MTCM/P 4840	Advanced Hematology	6
	Begin Internship	
	Semester Total	18
Spring		
1	Complete First Internship	2
	Complete Remaining Internships	8
MTCM/P 4320	Laboratory Management	1
MTCM/P 4380	Management Project	1
	Semester Total	12

#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

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Distance Program Orientation -Password Required

**Distance Program Questions** 

**Contact Information:** Elizabeth Kenimer, Ed.D. Interim Chairman Medical College of Georgia Department of Medical Technology AL-106 Augusta, Georgia

## Medical College of Georgia Department of Medical Technology Internet Curriculum (Distance Schedule)

COURSE	HOURS
FALL 2000	FIRST SEMESTER
AHS 3620 - Education	1
MTCD 4509 - Introduction to Immunology	1
MTCD 4320/4380 - Management theory/project	1, 1
AHS 4300 - Professional Issues	1
MTCD 4810 A - Hematology/fluids Review	1 (CP graded)
Total Hours Fall 2000	6
SPRING 2001	SECOND SEMESTER
MTCD 4820 - Advanced Hematology (lec)	3
MTCD 4810 B - Hematology/fluids Review	1 (CP grade reported)
MTCD 4880 - Internship Hematology	2
Total Hours Spring 2001	6
SUMMER 2001	THIRD SEMESTER
MTCD 4720 - Immunohematology (lec)	3
MTCD 4780 - Internship Blood Bank	2
MTCD 4600 A - Math and Quality Control	1(CP graded)
Total Hours Summer 2001	6
FALL 2001	FOURTH SEMESTER
New students only MTCD 4600 Math and QC	New students 2
MTCD 4600 B - Math and Quality Control	1 (CP grade reported) NA
MTCD 4620 - Clinical Chemistry (lec)	3 New students 3
MTCD 4680 - Internship Chemistry	2 New students 2
New students only MTCD 4509 Intro	New
Immuno	students 1
Total Hours Fall 2001	6 New students 7
SPRING 2002	FIFTH SEMESTER

Medical College of Georgia, Dept. of Medical Technology: Distance Schedule

(706) 721-3046
FAX (706) 721-7631
E-mail:
ekenimer@mail.mcg.edu

MTCD 4200 - Library Research/Case Pres.	1
MTCD 4500 - Immunology Review	2
MTCD 4580 - Internship Immunology	2
MTCD 4405 A - Microbiology Review	1(CP graded)
Total Hours Spring 2002	6
SUMMER 2002	SIXTH SEMESTER
MTCD 4405 B - Microbiology Review	1(CP grade reported)
MTCD 4425 - Clinical Microbiology (lec)	3
MTCD 4480 - Internship Microbiology	2
Total Hours Summer 2002	б
,	- 7

#### **Total MCG Program Hours:**

36 Semester Hours

Experiential Credit: 30 Semester Hours, granted for proof of professional certification as a Clinical Laboratory Technician, Medical Laboratory Technician, etc.

Prerequisite University System Core Curriculum: 60 Semester Hours

#### Web based courses:

Students must meet weekly deadlines. Courses must be completed during the semester they are scheduled except for CP graded courses. All students must begin in the Fall Semester. Students should plan to spend at least 10 hours per week on the Web based courses (Internet time, assignments, exams, etc.)

#### Internship:

In five of the six semesters an internship is required. For example, Spring semester 2001 will be the Hematology semester. The student will be expected to account for 11 hours per week of internship activity for each of the 15 weeks of the semester (160 hours per semester). The student and supervisor will be given an internship manual to use as a guide. The first activity will be a check sheet of basic skills. Once basic skills have been mastered, the faculty, student, and supervisor will agree on projects or other beneficial activity that the student will do. This could involve advanced skills, management projects, teaching projects, or others as agreed upon. The student will account for the 11 hours of week on a biweekly sheet provided by MCG.

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Please email comments, suggestions or questions to: Annette Carter, <u>acarter@mail.mcg.edu.</u> 01/30/01 **Allied Health Sciences** 

**Medical Technology** 

Catalog 2000

#### Medical College of Georgia

#### **Academic Promotion and Graduation**

Promotion from one year to the next in the program depends on satisfactory completion of each year's work. Promotions are considered on the basis of recommendation by individual instructors or departmental evaluations, and on the student's total record.

Students must earn a C or better in each course, unless otherwise indicated, to continue in the program.

The faculty determines the methods of evaluation, and evaluates each student individually in compliance with MCG and departmental guidelines. The student must pass a comprehensive examination in the senior year to graduate.

#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

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Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

# Medical College of Georgia Department of Occupational Therapy

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#### Student Occupational Therapy Association SOTA SOTA Mission Statement Officers Photo Gallery Class of 2001 Class of 2002

#### **Contact Information**

Kathy P. Bradley, Ed.D, OTR/L Chair, Dept. of Occupational Therapy Medical College of Georgia Dept. of Occupational Therapy, EF102 Augusta, Ga. 30912 Phone: (706)721-3641 Fax: (706)721-9718 email: studyot@mail.mcg.edu

### **Occupational Therapy**

Occupational therapy is an allied health profession that contributes to the function and performance of the individual after illness or an injury. The O.T. promotes independence and to promotion wellness and adaptation by using meaningful functional tasks. A few examples of O.T. services include:

- Training a paralyzed homemaker to clean house and cook.
- Working with an emotionally disturbed young adult to develop daily living skills, e.g., balancing a checkbook, cooking, shopping, and basic work habits.
- Working with a group of school children with learning problems in their school work.



- Teaching an elder who has sustained a stroke to dress and bathe using adaptive techniques.
- 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 may present unusual and difficult learning problems. The profession presents an excellent opportunity to combine teaching with helping people learn to function to the maximum of their ability.



#### **Employment and Career Opportunities**

Occupational therapists are employed in hospitals, out-patient 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.

The field offers rapid advancement into supervisory and administrative positions for therapists with further experience and education. Employment opportunities exist in private practice, consultation, research, and higher education.

School of Allied Health Sciences | Medical College of Georgia

Please email comments, suggestions or questions to: Kathy P. Bradley, Ed.D, ORT/L, <u>studyot@mail.mcg.edu</u> January 19, 2001

#### Catalog 2000

Allied Health Sciences

Occupational Therapy

#### **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 <u>core</u> <u>curriculum</u> 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. Departmental interviews are conducted by invitation only.

5. Applicants who first language is not English must submit official <u>TOEFL</u> scores. A minimum score of 550 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 <u>Office of Academic Admissions</u>.

Completed applications received between July and March 15 will be given priority consideration. Applications will continue to be accepted until the class has been filled. Earlier application is strongly encouraged as interviews are conducted in March and April.

**Medical College of Georgia** 

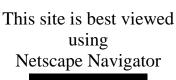
Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01



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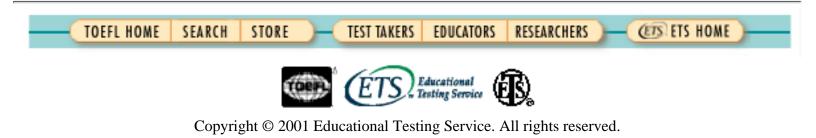
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#### Catalog 2000

**Allied Health Sciences** 

Occupational Therapy

#### **Estimated Fees and Expenses**

In addition to <u>matriculation and other fees</u> 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
\$ 900	\$ 600
25	0
48	48
15	15
600	1,500
\$1,588	\$2,163
	\$ 900 25 48 15 600

#### **Medical College of Georgia**

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#### Catalog 2000

#### Allied Health Sciences

Occupational Therapy

#### Curriculum (1999-2001)

Summer		Credit Hours
ANM 3500	Musculoskeletal Anatomy	4
OCC 3100	Professional Foundations in Occupational Therapy	3
OCC 3151	Biomechanical Measurements	2
OCC 3170	Activity Analysis	3
	Semester Total	12
Fall		
PHY 3114	Principles of Human Physiology	4
ITD 3003	Applied Neuroscience	3
OCC 3200	Clinical Reasoning	3
OCC 4450	Conditions in Physical Dysfunction	3
OCC 3270	Therapeutic Adaptation	3
	Semester Total	16
Spring		
OCC 4300	Development and Dysfunction of the Child and Adolescent	3
OCC 4300 OCC 4310	Mental Health Programming	4
OCC 4310	Adult Models of Practice	-
OCC 4343 OCC 4370		3
1	Therapeutic Activity for Children and Adolescents	3
OCC 3252	Movement Analysis	2
	Semester Total	15
Summer		
OCC 4400	Treatment Methods in Adult Dysfunction	4
OCC 4492	Worker Role and Ergonomics	2
OCC 4470	Practice Skills	3
OCC 4483	Occupational Therapy Research	3
	Semester Total	12
Fall		
OCC 4500	Advanced Clinical Reasoning	3
OCC 4300	Fieldwork Experience A	9
OCC 4700 OCC 4580A	Occupational Therapy Service Management (CP)	9
000 4300A		
	Semester Total	12
Spring		
OCC 4580B	Occupational Therapy Service Management (CP) 3	
OCC 4800	Fieldwork Experience B	9
	Elective Options (variable credit)	
	Semester Total	12

Summer		
OCC 4900	Elective Fieldwork (6 credits)	
	PROGRAM TOTAL	79

## Curriculum (2000-2002)

Summer		Credi Hours
ANM 3500	Musculoskeletal Anatomy	Z
OCC 3100	Professional Foundations in Occupational Therapy	3
OCC 3151	Biomechanical Measurements	2
OCC 3170	Activity Analysis	3
	Semester Total	12
Fall		
PHY 3114	Principles of Human Physiology	4
ITD 3003	Applied Neuroscience	3
OCC 3200	Clinical Reasoning	3
OCC 3450	Clinical Conditions	3
OCC 3270	Therapeutic Adaptation	3
	Semester Total	16
Spring		
OCC 4303	Development and Dysfunction of the Child and Adolescent	3
OCC 4310	Mental Health Programming	4
OCC 4343	Adult Models of Practice	
OCC 4373	Therapeutic Activities for Children and Adolescents	3
OCC 4352	Movement Analysis	2
	Semester Total	15
Summer		
OCC 4404	Treatment Methods in Adult Physical Dysfunction	
OCC 4492	Worker Role and Ergonomics	2
OCC 4473	Practice Skills	
OCC 4483	Occupational Therapy Research	3
	Semester Total	12
Fall		
OCC 4500	Advanced Clinical Reasoning	3
OCC 4700	Fieldwork Experience A	ç
OCC 4580A	Occupational Therapy Service Management (CP)	(
	Semester Total	12
Spring		
OCC 4580B	Occupational Therapy Service Management (CP)	

OCC 4800	Fieldwork Experience B	9
	Elective Options (variable credit)	
	Semester Total	12
Summer		
OCC 4900	Elective Fieldwork (6 credits)	
	PROGRAM TOTAL	79

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#### Catalog 2000

Allied Health Sciences

Occupational Therapy

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#### **Academic Promotion 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.

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**Allied Health Sciences** 

#### **Physician Assistant**

- Physician Assistant Home Page
- <u>Admission Requirements</u>
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- <u>Academic Policies</u>
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#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>catalog@mail.mcg.edu</u> 01/29/01

# Department Physician Assistant

#### Graduate Programs

Undergraduate Program

Faculty List

Frequently Asked Questions

#### **Accreditation**

#### **Contact Information:**

Judith Banks Stallings, PA-C Admissions Director Medical College of Georgia Physician Assistant Department Room AE-1032 Phone:(706)721-3246 Fax:(706)721-3990 email: jstallin@mail.mcg.edu A-Z Index | MCG Home

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. In most settings physician assistants obtain medical histories, perform physical examinations, order and interpret laboratory and other diagnostic studies and assess and manage common illnesses. Disease prevention and health-promotion activities, counseling and patient education are other important services provided by physician assistants.

Practice options for the certified physician assistant are as varied as the many disciplines within the field of medicine. The Medical College of Georgia physician assistant program offers a comprehensive (generalist) education which allows graduates to become employed in many specialty areas. Individually negotiated roles are determined by the needs of the medical practice and community, interests and training of the supervising physician and the physician assistant and state regulations.

The Physician Assistant Program is fully accredited by the Commission on Accreditation of Allied Health Education Programs.

Physician assistants in the state of Georgia practice under the provisions of the Physician Assistant Act, the Rules of the Composite State Board of Medical Examiners and an approved job description. Successful completion of the National Certifying Examination for Physician Assistants is required.

For general information regarding admission to the Physician Assistant Program or to receive an application, contact the Office of Academic Admissions / <u>underadm@mail.mcg.edu</u>.

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#### Catalog 2000

Allied Health Sciences

**Physician Assistant** 

#### **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 <u>core</u> <u>curriculum</u> 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. Two letters of recommendation are required.

4. Based on screening of grade point averages and work experience, applicants may or may not be invited to an interview.

5. Preference is given to residents of Georgia and to residents of states with no physician assistant program.

6. Applicants who first language is not English must submit official TOEFL scores. A minimum score of 600 on the TOEFL 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. Application forms are available from the <u>Office of Academic Admissions</u>. Applications must be received by October 15. Earlier application is encouraged.

Medical College of Georgia

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

Catalog 2000

**Allied Health Sciences** 

**Physician Assistant** 

#### **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.

**Medical College of Georgia** 

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

#### Catalog 2000

**Allied Health Sciences** 

**Physician Assistant** 

#### **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

#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

#### <u>Catalog 2000</u>

**Allied Health Sciences** 

**Physician Assistant** 

#### 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	4
PAD 3470	Medical Communication Skills & Terminology for PA	1
PAD	Clinical Medicine I	7
	Semester Total	17
Fall		
PAD 3280	Clinical Medicine II	9
PAD 3480	Psychosocial Issues	1
CMB 3110	Physiology	5
ITD 7003	Applied Neuroscience	3
	Semester Total	18
Spring		
PAD 3290	Clinical Medicine III	10
PAD 3490	Psychosocial Issues II	1
PHM 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	97

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

#### **Catalog 2000**

**Allied Health Sciences** 

**Physician Assistant** 

#### **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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**Allied Health Sciences** 

#### **Radiologic Sciences**

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- Estimated Fees and Expenses
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- Baccalaureate Curricula
- <u>Certificate Curricula</u>
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- <u>Course Descriptions</u>

#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

# Medical College of Georgia Department of Radiologic Sciences

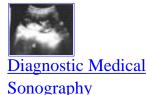




Nuclear Medicine Technology







Introduction to the Radiologic Sciences

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RadScape

Contact Information



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#### Catalog 2000

**Allied Health Sciences** 

Radiologic Sciences

#### **General Admission Criteria**

<u>Traditional 2+2 Transfer Program</u> <u>Program for Certified Technologists</u> <u>Certificate - Nuclear Medicine Technology</u> <u>Certificate - Radiation Therapy Technology</u> <u>Certificate - Diagnostic Medical Sonography</u>

#### 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 <u>core</u> <u>curriculum</u> 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 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 <u>Office of Academic Admissions</u>. Applications should be received by April 1 for priority consideration, but applications will be accepted 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 <u>core</u> <u>curriculum</u> 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.

6. 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.

7. Interviews are by invitation only.

8. Applicants whose 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 <u>Office of Academic Admissions</u>. Applications should be received by April 1 for priority consideration, but applications will be accepted until the class is filled.

**Medical College of Georgia** 

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#### **Catalog 2000**

#### **Allied Health Sciences**

Radiologic Sciences Certificate Curricula

#### Curriculum

Certificate in Nuclear Medicine Technology

The 12-month curriculum in nuclear medicine technology is open to registered radiographers, registered medical technologists, registered nurses or suitably prepared persons with bachelor's degrees. Applicants should present credits in mathematics (pre-calculus preferred), physical science or physics, general chemistry, oral and written communications, a computer course, and human anatomy and physiology. This program is designed for the technologist who primarily performs imaging procedures. Graduates are eligible to sit for the certification exams given by the American Registry of Radiologic Technologists and the Nuclear Medicine Technology Certification Board.

Fall		Credit Hours
NMT 3611	Principles of Nuclear Medicine I	4
PCS 3631	Physics of Diagnostic Imaging	4
RSC 3611	Introduction to Patient Care	2
NMT 3541	Clinical Internship	3
	Semester Total	13
Spring		
NMT 3612	Principles of Nuclear Medicine II	4
PCS 3632	Physics of Nuclear Medicine	4
NMT 3642	Clinical Internship	3
AHS 3610	Allied Health Ethics and Law	1
,	Semester Total	12
Summer		
RSC 3633	Radiation Protection and Biology	3
NMT 3623	Clinical correlation Seminar	1
RSC 3613	Professional-Patient Interactions	1
RSC 3602	PBL in Radiology Patient Management	1
NMT 3643	Clinical Internship	5
	Semester Total	11

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#### **Catalog 2000**

#### **Allied Health Sciences**

Radiologic Sciences Certificate Curricula

#### Curriculum

Certificate in Radiation Therapy Technology

The 21-month curriculum in radiation therapy technology is open to certified radiologic technologists. Graduates are eligible to sit for the certification examination offered by the American Registry of Radiologic Technologists. Applicants to Radiation Therapy must have completed the core requirements of their initial radiologic science discipline, and must present postsecondary education credits in English grammar, English composition, college algebra and pre-calculus mathematics (or trigonometry). A basic computer programming knowledge is strongly recommended.

Fall		Credit Hours
RTT 4601	Principles of Radiation Oncology	4
RTT 4641	Radiation Oncology Clinical Internship	3
RSC 4602	Sectional Anatomy	2
RSC 4653	Statistical Methods in Radiologic Sciences	3
PCS 4631	Physics of Radiation Oncology	4
	Semester Total	16

Spring		
RSC 4621	Pathology	2
AHS 3610	Allied Health Ethics and Law	1
RTT 4613	Quality Assurance for Radiation Oncology	2
RTT 4642	Radiation Oncology Clinical Internship	4
RTT 4621	Cancer Management in Radiation Oncology	3
RTT 4614	Radiation Oncology Simulation Procedures	2
	Semester Total	14
Summer		
Summer		
RSC 3633	Radiation Protection and Biology	3
RTT 4615	Radiation Oncology Seminar	3
RTT 4643	Radiation Oncology Clinical Internship	6
		—i——

#### **Medical College of Georgia**

12

Semester Total

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 08/21/00

#### Catalog 2000

#### **Allied Health Sciences**

Radiologic Sciences Certificate Curricula

#### Curriculum

Certificate in Diagnostic Medical Sonography

The 12-month curriculum is designed for those previously qualified in a clinically related health profession. It provides professionals with the educational requirements and clinical experience to sit for the ARDMS certification examination in physics/general medicine and the imaging specialties of abdomen and obstetrics/gynecology. Observation (eight to 16 hours) in a sonology lab prior to consideration for acceptance may be required.

#### Academic Requirements

Applicants for admission must have a high school diploma or equivalent and have qualification in a clinically related health profession, with a minimum of two years of education in an accredited educational program. Examples of such professions are radiography, nuclear medicine technology, medical technology, nursing, etc. A composite of an applicant's academic record, references, motivation and a personal interview is the major criterion for admission.

#### **Specific Academic Requirements**

1. Applicants must have completed college education in general anatomy and physiology (8 semester hours), college English grammar and composition (6 semester hours) and college algebra.

2. A minimum grade point average, for all post-secondary course work, of 2.3 is required.

3. Certification in CPR and first aid is required before matriculation in the program.

4. Observation (eight to 16 hours) in a sonology lab may be required.

5. Interviews are by invitation only.

Fall		Credit Hours
RSC 3611	Introduction to Patient Care	2
RSC 4602	Sectional Anatomy	2
DMS 3611	Sonography Applications I: Abd/OB/GYN	3
DMS 3610	Sonographic Instrumentation	1
DMS 3641	Clinical Internship I	4
	Semester Total	12
Spring		
AHS 3610	Allied Health Ethics and Law	1
DMS 3612	Sonography Applications II: Abd/OB/GYN	4

PCS 3650	Sonologic Physics	3
DMS 3642	Clinical Internship II	4
RSC 4621	Pathology for Radiologic Sciences	2
	Semester Total	14
Summer		
RSC 3602	PBL in Radiologic Patient Management	1
RSC 3613	Professional-Patient Interaction	1
DMS 3613	Sonography Applications III: Abd/OB/GYN	2
ANM 3320	Systemic Anatomy	5
DMS 3643	Clinical Internship III	4
	Semester Total	13

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#### Catalog 2000

**Allied Health Sciences** 

Radiologic Sciences

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#### **Estimated Fees and Expenses**

In addition to <u>matriculation and other fees</u> 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.

**Medical College of Georgia** 

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

#### Catalog 2000

Allied Health Sciences

Radiologic Sciences

#### 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.

**Medical College of Georgia** 

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#### Catalog 2000

**Allied Health Sciences** 

Radiologic Sciences

#### **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 Radiography

Bachelor of Science with concentration in Medical Dosimetry (for certified radiation therapists only)

**Medical College of Georgia** 

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#### Catalog 2000

Allied Health Sciences

Radiologic Sciences Bachelors Degree Curricula

Directories

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**Curriculum** Bachelor of Science with concentration in Nuclear Medicine Technology

Junior Year		
Fall		Credit Hours
PCS 3631	Physics of Diagnostic Imaging	4
RSC 3611	Introduction to Patient Care	2
NMT 3611	Principles of Nuclear Medicine I	4
NMT 3641	Clinical Internship	3
	Semester Total	13
Spring		
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
Summer RSC 3633	Radiation Protection and Biology	3
RSC 3633	Radiation Protection and Biology	3
RSC 3602	PBL in Radiology Patient Management	1
NMT 3623	Clinical Correlation Seminar	1
RSC 3613	Professional-Patient Interactions	1
NMT 3643	Clinical Intership	5
	Semester Total	11
Senior Year		
Fall		
RSC 4602	Sectional Anatomy	2
RSC 4653	Statistical Methods and Research Design in Radiologic Sciences	3
PCS 4635	Advanced Physics of Nuclear Medcine	4
NMT 4641	Clinical Practicum	2
NMT 4602 or RTR 4633	Independent Study/Research (Elective) or MRI Principles and Instrumentation (Elective)	3

#### AHS Rad Sci MDT Bacc Curriculum

	Semester Total	14
Spring		
RSC 4610	Advanced Radiologic Patient Care	2
RSC 4621	Pathology for Radiologic Sciences	2
NMT 4623	Radiochemistry	4
NMT 4642	Clinical Practicum	2
RSM 4632 or NMT 4602 or Elective	Management of the Radiologic Department (2 hrs) or Independent Study/Research (Elective, 3 hrs.) or Elective from AHD ID Courses	2-3
	Semester Total	12-15

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**Allied Health Sciences** 

Radiologic Sciences Bachelors Degree Curricula

### Curriculum

Bachelor of Science with concentration in Radiation Therapy Technology

Junior Year		
Fall		Credi Hours
RTT 4601	Radiation Oncology	4
PCS 3631	Physics of Diagnostic Imaging	4
RSC 3611	Introduction to Patient Care	2
RTT 3641	Radiation Oncology Clinical Internship	4
	Semester Total	14
Spring		
RSC 4621	Pathology	2
RTT 4613	Quality Assurance for Radiation Oncology	2
RTT 3642	Radiation Oncology Clinical Internship	4
AHS 3610	Allied Health Ethics and Law	1
	Semester Total	9
Summer		
RSC 3633	Radiation Protection and Biology	3
RSC 3602	PBL in Radiology Patient Management	1
RTT 3543	Radiation Oncology Clinical Internship	6
	Semester Total	10
Senior Year		
Fall		
RSC 4602	Sectional Anatomy	2
RSC 4653	Statistical Methods and Research Design in Radiologic Sciences	3
RTT 4640	Radiation Oncology Clinical Internship	4

#### AHS Rad Sci RTT Bacc Curriculum

PCS 4631	Physics of Radiation Oncology	4
	Semester Total	13
Spring		
RTT 4621	Cancer Management in Radiation Oncology	3
RTT 4614	Radiation Oncology Simulation Procedures	2
RTT 4632	Radiation Oncology Dosimetry	3
RTT 4615	Radiation Oncology Seminar	3
RTT 4642	Radiation Oncology Internship	4
	Semester Total	15

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Radiologic Sciences Bachelors Degree Curricula

# Curriculum

Bachelor of Science with concentration in Diagnostic Medical Sonography

Junior Year		
Fall		Credi Hours
RSC 3611	Introduction to Patient Care	2
RSC 4602	Sectional Anatomy	2
DMS 3611	Sonography Application I: Abd/OB/GYN	3
DMS 3610	Sonogrpahic Instrumentation	1
DMS 3641	Clinical Internship I	4
	Semester Total	12
AHS 3610	Allied Health Ethics and Law	1
DMS 3612	Sonography Applications II: Abd/OB/GYN	4
PCS 3650	Sonologic Physics	3
DMS 3642	Clinical Internship II	
RSC 4621	Pathology for Radiologic Sciences	2
	Semester Total	14
Summer		
RSC 3602	PBL in Radiology Patient Management	

,		
RSC 3602	PBL in Radiology Patient Management	1
RSC 3613	Professional-Patient Interaction	1
DMS 3613	Sonography Application III: Abd/OB/GYN	2
ANM 3320	Systemic Anatomy	5
DMS 3643	Clinical Internship III	4
	Semester Total	13

#### Senior Year

Fall		
RSC 4653	Statistical Methods and Research Design in Radiologic Sciences	3
AHS 3620	Principles of Education	1
DMS 4621	Sonogrpahy Applications IV: Echo/Vasc.	2

DMS 4641	Clinical Internship IV	4
DMS 4620	Independent Study	3
	Semester Total	13
Spring		
RSC 4610	Advanced Radiologic Patient Care	2
RSM 4632	Management of the Radiologic Department	2
AHS 3660	U. S. Health Care Delivery Systems	1
DMS 4622	Sonography Applications V: Echo/Vasc.	5
DMS 4642	Clinical Internship V	4
	Semester Total	14

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**Allied Health Sciences** 

Radiologic Sciences Bachelors Degree Curricula

## Curriculum

Junior Year		
Fall		Credit Hours
PCS 3631	Physics of Diagnostic Imaging	4
RSC 3611	Introduction to Patient Care	2
RTR 3611	Radiographic Procedures I	6
RTR 3641	Clinical Internship	4
	Semester Total	16
Spring		
RTR 3621	Radiographic Technique I	3
RTR 3612	Radiographic Procedures II	4
RTR 3631	Radiologic Sciences	2
RTR 3642	Clinical Internship	4
	Semester Total	13
Summer		
RSC 3633	Radiation Protection and Biology	3
RSC 3602	PBL in Radiology Patient Management	1
RSC 3613	Professional-Patient Interactions	1
RTR 3622	Radiographic Technique II	2
RTR 3643	Clinical Internship	5
	Semester Total	12

2
3
1
2

RTR 4631 and	Principles and Instru. of CT (3 hrs.) and CT Clinical	
RTR 4661	Practicum (3 hrs.)	
or RTR 4633 and	or	6
RTR 4663	Principles and Instru. of MRI (3 hrs.) and MRI Clinical Practicum (3 hrs.)	
	Semester Total	14
Spring		
RSC 4610	Advanced Radiation Patient Care	2
RSC 4621	Pathology for Radiologic Sciences	2
RTR 4632 and	Principles and Instru. of Mammography (3 hrs.) and	
RTR 4663 or	Mammography Clinical Practicum (3hrs.) or	6
RTR 4661 and Elective	CT Clinical Practicum (3 hrs.) and Elective (3 hrs.)	
	Semester Total	10

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Allied Health Sciences

Radiologic Sciences Bachelors Degree Curricula

#### 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
RSC 4653	Statistical Methods and Research Design in Radiologic Sciences	3
RTT 4644	Medical Dosimetry Clinical Internship	5
	Semester Total	13

Spring		
PCS 4636	Advanced Medical Dosimetry and Treatment Planning	3
RTT 4645	Medical Dosimetry Clinical Internship	6
	Semester Total	9
		,

Summer		
RTT 4647	Medical Dosimetry Special Topics	3
RTT 4646	Medical Dosimetry Clinical Internship	6
	Semester Total	9

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Radiologic Sciences

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<u>Certificate - Nuclear Medicine Technology</u> <u>Certificate - Radiation Therapy Technology</u> <u>Certificate - Diagnostic Medical Sonography</u>

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#### Department of Respiratory Therapy

# Medical College of Georgia Department of Respiratory Therapy



**Contact Information:** Joette F. Stokes Administrative Specialist IV School of Allied Health Dept of Respiratory Therapy Medical College of Georgia Augusta, Georgia 30912-0850 706-721-3554 email: jstokes@mail.mcg.edu Tell me about Respiratory Care What Programs are Available? Admissions Information Courses & Curriculum Research/Scholarly Activities Distinguished Alumni Academic Department Faculty Clinical Affiliate Faculty Office Staff Accreditation Program Graduates

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**Allied Health Sciences** 

**Respiratory Therapy** 

#### **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 <u>core</u> <u>curriculum</u> 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. CPR for Professional Rescuers is sternly 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 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 <u>Office of Academic Admissions</u>.

Applications received before February 1 will be given priority consideration, but all applications must be received by April 1.

Program for Certified Respiratory Therapy Technicians and 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 <u>core</u> <u>curriculum</u> 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. CPR for Professional Rescuers is sternly recommended.

6. Proof of certification or registration.

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 <u>Office of Academic Admissions</u>. Applications must be received no later than 30 days prior to the registration date of the first semester.

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Respiratory Therapy

### **Estimated Fees and Expenses**

In addition to <u>matriculation and other fees</u> 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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Tell me about Respiratory Care What Programs are Available? Admissions Information Courses & Curriculum Research/Scholarly Activities Distinguished Alumni Academic Department Faculty Clinical Affiliate Faculty Office Staff Accreditation Program Graduates

### **Contact Information:**

Joette F. Stokes Administrative Specialist IV School of Allied Health Dept of Respiratory Therapy Medical College of Georgia Augusta, Georgia 30912-0850 706-721-3554 email: jstokes@mail.mcg.edu

## **Respiratory Therapy Courses and Curriculum**

The respiratory therapy curriculum involves a two-year course of study. Upon successful completion of the curriculum, the graduate is recommended to sit for the National Registration Exam offered by the National Board for Respiratory Care.

The respiratory therapy curriculum is designed as a continuum of learning experiences organized to promote the personal and professional growth of the student. The main objective of the program is to prepare the student to function as a clinician. The diversity of the profession warrants exposure of the student to education, research methodology, and management practices.

The curriculum is divided into three components: the basic sciences, professional didactic concepts and methodology, and practical clinical experiences.

The basic sciences include human anatomy, microbiology, physiology, medical terminology, pharmacology, and a study of diseases of the heart and lungs.

The professional course work is a structured study of the principles and practices of respiratory care. The courses progress to the advanced techniques used to detect and treat respiratory disorders.

The clinical practicum consists of the application of these techniques to evaluate and treat the patient. The relationship of the therapist to the patient and other health-care workers is stressed.

During the fall of the senior year of the bachelor's degree program, opportunities exist to study the principles of management, education, and research. The last term of the senior year offers the chance for additional clinical experiences in any area in the profession of special interest to the student.

## **Bachelor's Degree**

## Junior Year

#### **Fall Semester**

PHY 3110 Principles of Human Physiology
RTH 3199 Medical Terminology
RTH 3205 Fundamentals of Respiratory Care I
RTH 3207 Fundamentals of Respiratory Care Lab
RTH 3211 Introduction to Problem Based Learning

#### **Spring Semester**

RT 3040GS	Respiratory Care Pharmacology
RTH 3305	Fundamentals of Respiratory Care II
RTH 3311	Cardiopulmonary Pathophysiology I
RTH 3320	Clinical I
RTH 4540	Research in Respiratory Care
AHS 3610	Ethics for Allied Health Professionals

## **Senior Year**

#### **Summer Semester**

ANM 3320 Systemic Anatomy
RTH 4407 Management of the Mechanical Ventilator Patient
RTH 4410 Advanced Respiratory Care
RTH 4417 Newborn & Pediatric Respiratory Care

#### **Fall Semester**

RTH 3209 Pulmonary Rehabilitation
RTH 4411 Cardiopulmonary Pathophysiology (IP)
RTH 4412 Clinical Presentations
RTH 4515 Advanced Ventilator Management & Pulmonary Diagnostics
RTH 4521 Clinical II

**Spring Semester** 

AHS 3660 The U.S. Healthcare Delivery SystemRTH 4622 Clinical IIIRTH 4623 Clinical IV (Externship)RTH 4650 Respiratory Care Seminar



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**Allied Health Sciences** 

**Respiratory Therapy** 

#### 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 students 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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## 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

## **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 600 paper-based or 250 computer-based, if applicable.

For more information, contact Steven J. Harrison, Chairman of the Department of Medical Illustration, at (706) 721-3266 or email: <u>medart@mail.mcg.edu</u>.

Each year the senior class of Medical Illustration students create a <u>departmental web site</u> 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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## **Master of Physical Therapy**

Physical therapy, one of the fastest-growing allied health professions, involves rehabilitating handicapped individuals with a movement disorder. As a member of the health team, the physical therapist evaluates a patient's functional loss, then develops a therapy program to help him regain maximum function within the limits of his disability. The physical therapist works with people injured in accidents, crippled children, adults with neurological and orthopedic problems, disabled elderly patients, people with cardiac problems, patients who have been burned and people with many other problems. Physical therapists must have problem-solving skills, resourcefulness, patience, manual dexterity, physical stamina and the ability to work with people. Average salaries are excellent and the demand is high for physical therapists, particularly in rural areas.

The Medical College of Georgia master of physical therapy program is an entry-level degree program that prepares students for general physical therapy practice. Also available are post-professional programs offering the master of science and master of health education degrees for those with an entry-level physical therapy degree.

The physical therapy program is offered on MCG's main campus in Augusta and on the Albany State University campus, where traditional instruction is supplemented with distance-learning technology.

## **Career Opportunities**

- Physical therapy in large and small general hospitals and hospitals for special conditions (i.e. burns, cardiology, neurology, orthopedics, respiratory care)
- Physical therapy in rehabilitation centers, extended-care facilities, wellness centers, public health centers, public and private schools for the handicapped and outpatient facilities
- Private practice
- Administration, research, consultant work or education

## **Admission Requirements**

Baccalaureate degree with no grade lower than a C in all prerequisite course work (one course in each of the following: human anatomy/physiology with lab\*; biology with lab; chemistry with lab; one additional course with lab in biology, chemistry or human anatomy/physiology\*; one academic year of physics with lab; six courses in the humanities and social sciences including at least one psychology course)

does not include physiology, then you will need to take a separate course in human physiology.

- Overall minimum GPA of 2.8 or 3.4 in last 40 semester hours
- Minimum GRE score of 1000 (sum of verbal and quantitative)
- At least 100 hours of observational experience in various physical therapy settings
- Minimum TOEFL score of 600 paper-based or 250 computer-based, if applicable

## **Frequently Asked Questions**

## What is the application deadline?

The Physical Therapy program has a rolling admissions process that begins September 1 and ends May 1. Applications for early admissions will be processed until January 15, after which time the full class for both campuses will be selected. Any applications received from January 15 through May 1 will be considered for inclusion on the alternate list. All applications must be received by the deadline listed before admissions decisions can be made and interviews scheduled. Applicants should apply during their senior year of college or after completing a baccalaureate degree.

## When will I know if I have been accepted?

If you are considered for early admission you will receive a letter indicating the decision shortly after your interview. After January 15, the Admissions committee will finalize the selection of the class from those interviewed. The Graduate Admissions Office will send you a letter notifying you of the committee's decision. If accepted, you must respond by a specified date.

## What is an alternate list?

We usually have more qualified applicants than we can accept. 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. Alternates may be contacted up to the first week of class. We realize such short notice is burdensome, but we do not know how many applicants from the alternate list will be admitted to the program until classes begin in August. If you are not accepted into the program, you must fully re-apply in subsequent years to be considered.

## What counts in admission?

We use a weighted formula based on overall grade point average, math/science grade point average, last 40 semester hours of course work attempted, prerequisite courses, GRE scores and work experience to determine who is qualified for a personal interview. At that point, considerations include the interview, the quality of references, writing ability and the Admissions Committee's overall assessment of the application.

### Are out-of-state residents accepted?

Yes. A limited number of our out-of-state students will be admitted in Fall 2001. To determined if you qualify as an in-state resident, contact the Admissions Office at (706) 721-2725. Preference is given to residents of southwest Georgia for admission to the Albany State University program.

### What about my references?

You must have at least three references. You will also need to have two references complete a longer reference form that evaluates specific categories related to clinical success. These two references need to be completed 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. References must have had enough experience interacting with you to adequately judge your qualifications. Reference forms from previous instructors and friends generally carry little weight.

## Will poor grades early in my undergraduate education hurt my chances?

It will be a disadvantage because it will affect your GPA, but it will not eliminate you from consideration provided you have successfully completed all prerequisite courses with at least a C. We include all college courses in calculating your overall 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 five years, I now know that I want to be a physical therapist. I've earned good grades since returning to school. Can you "forgive" my old grades?

We do look at the overall trend of grades and definitely take that into consideration, especially if you have returned to school and done well with a significant course load. However, your overall GPA will still reflect your entire academic career, so you must be more competitive in other areas such as experience and references.

## Should I take more science courses than the minimum required?

While it is not necessary and usually will not increase your chances of admission (unless your previous grades were poor), it may still benefit you to have taken several other science courses.

## 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 we advise reviewing areas appropriate for our program such as physics and anatomy/physiology.

## What type of undergraduate degree do I need?

The master of physical therapy is a graduate degree, so you need a bachelor's degree before entering our program. As long as you have completed the prerequisite courses, it doesn't matter which area the degree is in. We recommend that you complete a degree in an area that you enjoy rather than worrying about whether it will help you enter our program.

## Must I complete all my prerequisites before I can be accepted?

No. We can consider your application before you have completed all the 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. It also helps to 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 be sure to allow enough time for official transcripts to reach the Office of Academic Admissions.

### Why do you require volunteer/work experience?

We want to be assured that you have adequately explored the field of physical therapy and are certain of your career choice. We also have found it helpful for our students to have experience in physical therapy. This helps us to determine your ability to work in a patient care area and your potential for success in a clinical setting. We require at least 100 hours of experience encompassing various physical therapy clinical settings. More hours than the minimum may strengthen your references but will not be ranked as part of the admission process.

### What type of experience is needed?

We prefer direct patient contact in various physical therapy or patient care settings. If most of your experience has been in another type of health care such as nursing, you still must spend 100 hours directly involved with physical therapy to demonstrate that you have adequately explored the field. We prefer that you spend time in various therapy settings such as rehabilitation, acute care, sports medicine or pediatrics rather than observing just one type of practice setting.

### Can I attend your program part time?

No. Our program is full time.

### Can I work full time while attending your program?

We strongly advise against it. Our program is very demanding. Classes generally meet all day Monday through Friday with homework that fills 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 financial resources. Also, many companies provide financial assistance in return for a specified amount of time spent working at that facility. You must 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 the offer to other opportunities.

### How can I obtain more information about your program?

The Office of Academic Admissions regularly schedules <u>Closer Look</u> <u>Tours</u> of all departments, including physical therapy. The tours provide information and faculty interaction. For more admissions information, call (706) 721-2725 or (706) 721-2141or visit <u>our web site</u>. Copyright © 2000 Medical College of Georgia All rights reserved. **Medical College of Georgia** 

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# Medical College of Georgia School of Dentistry



The School of Dentistry is committed to educating high quality dental health professionals for the state of Georgia and engaging in research and scholarly endeavors which promote oral health care for the citizens of our state and the nation.

## **School of Dentistry**

## Departments

- Endodontics
- Oral and Maxillofacial Surgery
- Oral Biology and Maxillofacial Pathology
- Oral Diagnosis and Patient Services
- Oral Rehabilitation
- Section of Dental Materials
- Orthodontics
- <u>Pediatric Dentistry</u>
- <u>Periodontics</u>

### Resources

- Annual Report 1999-2000
- <u>Academic Progress Policies</u>
- Courses/Curriculum
- <u>Continuing Education</u>
- Faculty
- <u>Research</u>
- Student Admissions Information

## **Internet Resources**

- Greenblatt Library
- <u>Dentistry Sources</u>
- Health Sciences Resources

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### **Medical College of Georgia**

Please email comments, suggestions or questions to: Bryan Adams, <u>badams@mail.mcg.edu</u> January 23, 2001

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## **Careers in Dentistry**

A career in dentistry can provide many exciting and rewarding opportunities. Some of the advantages of a career in dentistry include:

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- 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 5,050 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: <u>osaas@mail.mcg.edu</u>

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Please email comments, suggestions or questions to: Carole Hanes, <u>chanes@mail.mcg.edu</u>.

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## **Admissions Information**

## An Affirmative Action/Equal Opportunity Educational Institution

The Medical College of Georgia is an affirmative action/equal opportunity educational institution in that no person shall, on the basis of sex, race, color, creed, national origin or handicap, be excluded from participation in, or otherwise be subjected to discrimination in any educational program, activity or facility. 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.

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## **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 Student Admissions and Academic Support of the School of Dentistry.

**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:

- 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.

- 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 2000 entering class must have taken the DAT no earlier than fall of 1997.

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 2000 entering class who wish to take the computerized DAT must do so no later than October 31, 1999.

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. Greatest emphasis is given to the most recent scores.

For further information and an application for the D.A.T., write to: Dental Admission Testing Program, American Dental Association, 211 East Chicago Avenue, Suite 1840, Chicago, Illinois 60611 or visit <a href="http://www.ada.org/prac/careers/dat-01.asp">http://www.ada.org/prac/careers/dat-01.asp</a>

### **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 1999 to be considered for admission for the class admitted for August 2000. For information and registration materials for the TOEFL and the TSE-P exams, contact TOEFL/TSE Services, P.O. Box 6151, Princeton, NJ 08541-6151, telephone: 609/951-1100.

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), D.A.T. 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

To receive an application for the 2000 entering class, write to the Office of Student Admissions and Academic Support at the address below after June 1, 1999. Early application is strongly encouraged. No official action can be taken on an applicant until we have received a completed application form. No applications will be accepted that are postmarked after October 15, 1999. There is no application fee.

## MCG does not participate in the Association of American Dental Schools Application Service (AADSAS).

### Inquiries concerning admission should be sent to:

Office of Student Admissions and Academic Support School of Dentistry Medical College of Georgia Augusta, Georgia 30912-1020 706/721-3587 Email: <u>osaas@mail.mcg.edu</u>

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Please email comments, suggestions or questions to: Carole Hanes, <u>chanes@mail.mcg.edu</u>.

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Immunization and Health Policies for Students

## **Campus-Wide 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), diphtheria, polio and tetanus, and have had a tuberculin test (PPD) within one year prior to first enrollment at MCG. Failure to do so shall be grounds for not allowing the entering student to register as an MCG student. 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 where, in the director's judgment, sufficient grounds based upon medical or religious reasons exist to exempt the student.
- 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 a one-month extension for the student to comply. Students granted an extension shall be allowed to register provisionally, and shall be disenrolled if in noncompliance after one month.

## Additional Immunization Policies of the School of Dentistry

In addition to institution-wide requirements for immunizations, all students entering the School of Dentistry must provide the School of Dentistry with evidence that they are immunized against hepatitis-B. Immunization against hepatitis-B requires a series of three injections over a period of approximately six months. Failure to do so shall be grounds for not allowing the student to register as an MCG student. The following exceptions to this policy may apply in individual cases:

- 1. The Dean, School of Dentistry, may grant exceptions for individual students in cases where, in the Dean's judgment, sufficient grounds based upon medical or religious reasons exist to exempt the student.
- 2. In cases where compliance with this policy is not feasible, such as a late accepted student, the Dean may grant an extension for the student to comply. The hepatitis-B immunization sequence must be initiated prior to enrollment and completed prior to beginning clinical activities. Students granted an extension shall be registered

provisionally and will be disenrolled if in non-compliance after fall semester of the first year of the curriculum.

### **Infectious Disease Policy**

The Medical College School of Dentistry encourages dental school applicants who believe they are at risk for serious infectious disease (e.g., HIV, Hepatitis B, T.B., 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 that any School of Dentistry student who knows or has reason to believe that he/she has a serious transmissible infectious disease which could adversely affect the health of patients (e.g., HIV, Hepatitis B, T.B., etc.) is required to report this information immediately to the Dean of the School of Dentistry. 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 procedures are invasive and students are required to 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 degree and may want to reconsider their career goals.

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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.)

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For the student with particular interest in life sciences, these combined degree programs provide opportunities to obtain a research-based degree along with the Doctor of Dental Medicine (D.M.D.) degree. These programs are available to accepted dental students. For the M.S./D.M.D. program, the degree candidate will need to spend approximately two additional years 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 time of full-time graduate studies, the candidate will perform original research, complete additional course work and write a research thesis. Permission to enter a joint degree program 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. For more information on these programs, write to:

Graduate Program Director Department of Oral Biology School of Dentistry Medical College of Georgia Augusta, Georgia 30912 706/721-2526

## **Advanced Education Programs (Dental Residency Programs)**

The Advanced Education Programs provide dentists with additional educational experience in the biological and clinical sciences relevant to specialty and general practice disciplines. This experience enables the resident to provide care for complex cases requiring treatment by a specialist. Residents gain additional experience in dental research and education. Upon successful completion of an advanced education program a certificate is awarded. Completion of the advanced education program meets the educational qualifications for examination by the appropriate dental specialty board. A master's degree program in oral biology is available through the School of Graduate Studies and is a required part of some of the advanced education programs. For more information on these programs, write to:

Associate Dean for Curriculum and Advanced Education School of Dentistry Medical College of Georgia Augusta, Georgia 30912 Phone: 706-721-2251 Email: paulahar@mail.mcg.edu

## **Non-Academic Requirements for Enrollment**

After being accepted and in addition to meeting the immunization requirements of the Medical College of Georgia and the School of Dentistry (listed elsewhere in this Admissions Bulletin), accepted students must meet the following requirements:

\* No later than August 1 before the start of classes, accepted students must have their vision checked and provide the School of Dentistry with documentation of an eye exam.

\* MCG is committed to the principle 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 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 protection through an alternate plan. Annual certification of health insurance coverage is required.

\* All accepted students must purchase disability insurance (as part of regular tuition and fees).

## **For Further Information**

. . .related to the School of Dentistry at the Medical College of Georgia, please contact:

### **Office of Student Admissions and Academic Support**

School of Dentistry Medical College of Georgia Augusta, Georgia 30912-1020 Phone: 706/721-3587 FAX: 706/721-6276 Email: <u>osaas@mail.mcg.edu</u>

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## **Financial Information**

## **Financial Aid**

The Medical College of Georgia <u>Office of Student Financial Aid</u> 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 1999-2000**

	First Year (3 semesters)	Second Year (3 semesters)	Third Year (3 semesters)	Fourth Year (2 semesters)
Matriculation Fee	\$ 8,313	\$ 8,313	\$ 8,313	\$ 5,542
Student Health Fee	315	315	315	210
Student Activity Fee	114	114	114	76
Books and Supplies	1,628	699	550	314
Instruments and Equipment	1,854	1,854	1,854	1,237
Uniforms	53	26	0	0
Student Health Insurance	876	876	876	876
Other Fees and Services	797	832	857	717
Totals	\$13,950	\$13,029	\$12,879	\$8,972

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All fees are subject to change.

\*Non-resident tuition is \$8,313 per semester in addition to the matriculation fee, i.e., \$24,939 for a 3 semester year.

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 \$700 plus a \$100 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 1999-2000 Graduate/Professional Students Monthly allowances

	Rent/Utilities Phone	Food	Personal Expenses	Trans- portation	Total Per Month
On-Campus	\$170	304	155	175	\$804
Off-Campus	\$332	304	155	196	\$987

#### 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 \$50 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 Student Admissions and Academic Support of their withdrawal in writing not later than July 1, 2000, shall forfeit their acceptance deposit.

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Please email comments, suggestions or questions to: Carole Hanes, <u>chanes@mail.mcg.edu</u>.

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## Housing and Food Service Information

Students accepted for admission will receive housing information and applications. This form starts the application process for on-campus housing at the Medical College of Georgia after acceptance. Questions concerning housing should be submitted to:

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Housing Office DA-206 Medical College of Georgia Augusta, Georgia 30912-7304

All MCG housing facilities are located within easy walking distance of other campus facilities. Information on the various on-campus housing options can be found on the <u>Student Housing</u> website.

## **Off-Campus Housing**

Accepted students interested in housing off-campus may write:

Off-Campus Housing Office DA-206 Medical College of Georgia Augusta, Georgia 30912-7304

The Office will send each interested person information on rental property in the Augusta area, including apartment. In addition, visitors 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 MCG verify that they will rent the property to any student without regard to race, color, creed or national origin. MCG listings also comply with HHS requirements pertaining to non-discrimination by sex and 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. MCG assumes no obligation expressed or implied for the collection of rental, housekeeping of student tenants, or destruction or depreciation of property involved in off-campus housing of students.

## **Food Service Information**

Two complete food service facilities are located on campus. Each facility is located for convenient use by as many students as possible.

A cafeteria and snack bar, located in the MCG Hospital, are operated every day. The Student Center offers snack bar facilities Monday through Friday, and cafeteria serving lunch on these same days. No dinner or weekend meals are served in the Student Center. Both cafeterias offer a variety in menu selection, while the snack bars provide short-order service for such items as sandwiches, breakfast items, desserts and soft drinks. Hot and cold food and drink vending machines are available for student use at various campus locations.

## **Campus Crime Information**

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 which provides 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 free copy of this report, contact MCG Public Safety at 706/721-2914.

## **For Further Information**

. . .related to the School of Dentistry at the Medical College of Georgia, please contact:

## Office of Student Admissions and Academic Support

School of Dentistry Medical College of Georgia Augusta, Georgia 30912-1020 Phone: 706/721-3587 FAX: 706/721-6276 Email: <u>osaas@mail.mcg.edu</u>

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Office of Student Admissions and Academic Support

## Questions and Answers about the Admissions Process

This section is designed to answer questions most asked by our applicants about our admission process. For more information, contact the <u>Office of</u> <u>Student Admissions and Academic Support</u> at 706/721-3587.

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Who decides whether or not I'll be accepted? Acceptance into the School of Dentistry is recommended to the Dean by an Admissions Committee appointed by the Dean of the School of Dentistry. The Office of Student Admissions and Academic Support has the administrative responsibility of advising applicants on admissions procedures and preparing applicant files for committee decisions.

What is the Admissions Committee looking for in an applicant? Generally speaking, the committee will select the best applicants for admission from all who apply each year. This means you will be "competing" with all other applicants.

Each applicant for next year's class will be assessed by the committee based on the following factors (not in priority order): grades overall, grades in science courses, pattern of grades, Dental Admission Test scores, letters of recommendation, interviews, proficiency in English and communication skills, motivation for becoming a dentist, unusual educational experiences or background, life experiences, work experiences, demonstrations of leadership in activities, involvement in community and extracurricular activities, volunteer work, honors and awards received, residence in a health professions shortage (underserved) area, research experiences, and experience in an oral health care setting. While all applicants may not have experiences in all of these areas, the Committee considers achievement in all of these areas as part of the student selection process.

High grades and DAT scores alone do not guarantee acceptance. However, the dental school curriculum is demanding and rigorous, and high grades indicate the applicant's potential ability to successfully complete our program.

The ideal applicant will show up very well in all categories, but many are

accepted because they show exceptional promise in certain areas.

The admissions committee strongly encourages applicants to visit a dental office to learn as much as possible about the practice of dentistry from a practitioner. It is important to have some first-hand knowledge of dental practice prior to a decision to pursue a career in dentistry.

How many students will be selected for admission? The entering classes are scheduled for 56 students.

How high do my grades have to be to get admitted? Because you will be compared with other applicants, it is impossible to tell at the outset just how high your grades have to be. Much depends on how good the other applicants look in comparison to you. It is possible to have high grades and not be accepted because of other factors that the committee considers important. D.A.T. scores, references and interviews all provide information about you that will be considered in an admissions decision.

While we cannot necessarily predict this year's accepted applicant grade point average based on past statistics, the following figures will give you some idea of how you stack up compared to prior accepted students: On a 4.0 system, the average admitted student in the past had a 3.3 average in both the required science courses and overall. Students accepted with grades below the average generally had poor beginnings in undergraduate school, but then performed at a very high level their last several quarters, both overall and in the required science areas. While many of these so-called "late bloomers" were not accepted, several are taken each year.

Again, we want to emphasize that grades aren't everything as other factors are also important in the admissions process.

**How important is the Dental Admission Test (D.A.T.)?** An applicant's D.A.T. scores and grade point average provide the admissions committee with important predictors of success. Therefore, the D.A.T. is important with emphasis being placed on both the academic portion and the perceptual ability tests. Both need to be high, as you will be competing with other applicants.

The average admitted students in the past had 18 on the academic portion and a 18 on the P.A.T. portion of the D.A.T. In some cases, applicants whose averages were below 16 on the D.A.T. were accepted because they showed exceptional promise in other areas or because of the circumstances that contributed to a low score.

How can I tell if I should retake the D.A.T.? Will it hurt my chances if I retake? If your D.A.T. scores are below 16 on the academic or perceptual ability tests, you should consider retaking the D.A.T. This is particularly true if your science and overall grade point averages are not very high. If you have any doubt whether you should retake the D.A.T., call the Office of Student Admissions and Academic Support at 706/721-3587 for counsel. We cannot tell you what to do, but can advise you on the total applicant situation regarding the D.A.T. so that you can make a better decision. In the

past, many accepted students have taken the D.A.T. at least twice, and most people improve their scores with a second testing. Remember that an applicant is not limited in the number of times the D.A.T. can be taken. All scores will be considered, but the last one will receive greatest emphasis. Therefore, if you retake because your scores are low to begin with, you have nothing to lose.

When should I first take the D.A.T.? Applicants must take the DAT no later than October 31 of the year preceding the academic year for which they are seeking admission. For example, applicants for the 2000 entering class must take the DAT no later than October 31, 1999.

As a general rule, students interested in applying to dental school should plan to take the DAT early enough to have a second change to take the test before the test deadline for a particular year. It is a good idea to take the DAT during the spring of your junior year so you have another chance to take the test during the summer or early fall of your senior year if your scores from your first attempt at the test were not as high as you would have liked

Since the D.A.T. has sections related to biology, inorganic chemistry and organic chemistry, it would be to your benefit to have completed as many of the required courses as possible before taking the D.A.T. Since there is no physics section, these required courses can be taken later if scheduling permits or dictates.

**Does it matter what I major in while in undergraduate school?** Your undergraduate major is not a significant factor in the admissions process. You must do well in your major and other courses that contribute to your overall grade point average, and you must do well in the required science courses. Our pre-dental course requirements are purposely kept at a minimum to allow participants maximum flexibility in selecting a major and choosing elective courses.

How many years of undergraduate school do I need to complete to have my best chance of acceptance? You must complete at least 135 quarter hours (90 semester hours) at an accredited American college or university before you are eligible to enter the School of Dentistry. Therefore, the earliest you can apply for admissions is after June 1 between your sophomore and junior years.

Most students enter dental school after completion of a four-year baccalaureate degree. Very few students are accepted after completing only three years of college work. Generally these applicants are mature, academically highly qualified or have significant life experiences prior to application.

You should keep in mind the fact that many applicants are not accepted each year. We advise all applicants to plan their program taking into account the fact that they may take several years to gain acceptance to dental school, or they may never be accepted. To get the most out of the undergraduate program, you should plan on obtaining a bachelor's degree or completing whatever course work is necessary to enter another field of your choice. This way, if you are not accepted into dental school, you can follow your alternative plans without spending a lot more time in school.

**On what basis are applicants invited to interview? How important are the interviews?** As applications are received, they are screened by the admissions committee based on criteria set up by the committee. Applicants judged to be qualified based on grades, DAT scores, letters of recommendation, and other non-cognitive factors such as community involvement, leadership in extracurricular activities, experience in oral health care or health care, awards and honors, and residency in a health professions shortage area are invited to visit the campus for admission interviews. At its option, the committee may decide to invite some additional applicants who it believes have good potential for success in our program.

Because the admissions committee is interested in the personal qualities of the applicants as well as their grades and D.A.T.'s, interviews play an important part in the admissions process. While the shortcomings of interviews are well-understood, they do provide the committee with useful, though subjective, information. The interviews also provide the applicants selected for interviews with a chance to present themselves on a personal basis.

**Is there any age limit for applicants?** Age is generally not a factor so long as you are competitive with other applicants. We have accepted applicants as young as 19 and as old as 43. Individuals in the work force who desire a career change are also encouraged to apply as long as they can substantiate their reasons for desiring a career in dentistry.

How many letters of recommendation should I submit? Whom should I choose to send recommendations? We only ask for three recommendations, and prefer these come from your pre-dental advisor (or faculty advisor if you're not a pre-dental student), your family dentist (or other dentist who knows you, or someone from a health profession) and another reference of your choosing.

You should not use members of your family as references, and we suggest that you try to select people in responsible positions or professions if possible. Of course, it is very important that the person knows you personally. Recommendations from political figures or other well-known personalities are fine, provided the person knows you personally and can comment on your abilities from first-hand experience. Otherwise, a recommendation from someone who can comment about you from direct knowledge would carry much more weight.

When will I know whether I'm accepted or not? Normally the admissions committee completes filling the entering class sometime in March of each year. As soon as a decision is reached on your application, a letter will be sent to you advising you of the committee's decision.

Will it hurt my chances if I'm also applying to medical schools or other

**professional schools?** The admissions committee considers each applicant on his or her merits, including motivation. If you are well-motivated for the study of dentistry, the fact that you are interested in other professions at the same time will not adversely affect your chances. If admissions committee members are aware that you have applied to other programs, they may question your interest in dentistry.

Will the fact that I'm a minority person or a woman be taken into consideration? The Medical College of Georgia is an equal educational opportunity institution, and the School of Dentistry is committed to enrolling minority and women students. Those judged to have promise as future dentists are given every consideration for admission, and many minority and women students are enrolled in the dental school. We encourage students with diverse backgrounds to apply, including minorities, women, and other non-traditional students, because we believe that a diverse student body is an asset to the education of all students at the Medical College of Georgia and is an asset to the dental profession and the State of Georgia.

How much difference does it make if I'm a resident or a non-resident of Georgia? Residency makes a difference. At present, the Medical College of Georgia School of Dentistry is not accepting non-residents.

**Is there an application deadline?** Yes. Classes begin each August, and the application deadline is October 15 of the previous year, i.e., over nine months prior to the date of expected first enrollment. If you have further questions, please contact:

Office of Student Admissions and Academic Support School of Dentistry Medical College of Georgia Augusta, Georgia 30912-1020 or Telephone 706/721-3587 FAX: 706/721-6276 Email: <u>osaas@mail.mcg.edu</u>

School of Dentistry | Medical College of Georgia

Please email comments, suggestions or questions to: Carole Hanes, <u>chanes@mail.mcg.edu</u>.

January 25, 2001

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# Medical College of Georgia School of Dentistry

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School of Dentistry

Print School of Dentistry Academic Progress Policies (13 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. dismissal; or
- 7. 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. In order to earn a second grade for a course previously 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 the course. 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. Grades 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 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. 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.

#### F. 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 the same required course two 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. These procedures are subject to periodic review by the SARC and may be revised accordingly.

a. Notice to Student

Prior to any hearing before the SARC, any student who may be subject to dismissal 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 of the hearing proceedings shall be kept and made available to the parties concerned 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.

(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.

#### G. 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.

#### H. 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.

#### I. 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.
- J. Leave of Absence Policy

1. Emergency Leaves of Absence Emergency leaves of absence can be arranged with the Associate Dean for Students and Alumni Affairs for up to 10 working days. All missed work must be made up.

2. 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. The purpose of this policy is to provide a mechanism by which students can re-enroll in the School of Dentistry after they return from an extended leave of absence. Leaves of absence longer than 10 working days (including accidents and illnesses) will be considered extended leaves and must fully comply with this policy. Failure to follow this policy in full will result in the student's re-enrollment conditions being stipulated by the SARC without any recourse or appeal being available to the student. 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 a 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 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. 3. Extended Leave of Absence Request Procedures

a. Students must request a leave of absence from the School of Dentistry by submitting a written request to the Dean. The request should state the following:

> (1) The reason the leave is being requested (i.e., ill health, financial burdens, family problems, personal problems, reconsideration of career or life goals, etc.)

(2) The inclusive dates (i.e., beginning and ending) of the leave.

b. The Dean will refer the leave request to the SARC for review and a recommendation. The special student subcommittee of the SARC will review the leave request and the student's academic record and will recommend to the Dean whether the leave should be granted and any conditions which must be met for the student to re-enroll. If the special student subcommittee recommends that the leave request be approved, the subcommittee will include in its recommendation to the Dean the point in the curriculum where the student will re-enroll and any necessary remediation activities following re-enrollment.

c. The Dean will review the SARC special student subcommittee recommendation regarding the leave of absence and may approve, deny, or modify the recommendation. The Dean will notify the student in writing of the action on the student's request, including any conditions which 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.

d. If the leave is granted, the student must personally complete withdrawal procedures through both the School of Dentistry and the Office of the Registrar.

e. The patients of students who have been approved for a leave of absence will probably be reassigned.

f. 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 by the SARC to provide verification that all conditions for reinstatement have been met.

g. 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 re-instatement as specified by the School and Registrar.

#### K. 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 which 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 grievance is heard by the Committee, 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. These procedures are subject to periodic review by the SARC and may be revised accordingly.

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.

(2) 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 of the subcommittee's determination including the time and place of the hearing if one is granted.

(3) If the SARC denies a student request for a hearing, the student may appeal that action to the Dean who may uphold the SARC denial or remand the matter back to the SARC for a full hearing.

b. Hearing Procedure Rules

(1) A record of the hearing proceedings shall be kept and made available to the parties concerned 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 witnesses.

(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 who 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) A majority of the eligible voting members of the SARC must be present for an academic grievance hearing. 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 and shall be made within three (3) working days after the date of the hearing.

(9) The Chair shall notify the Dean in writing of the Committee's recommendation. The recommendation shall include a brief statement of facts, the Committee's decision, and the reasons therefore.

(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. (11) The student has the right to appeal any adverse decision by the Dean to the President of the Medical College of Georgia.

L. 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 which 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 present course is pre-requisite;

b. whether there will be adequate time in the student's schedule for the course to be repeated the next time 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. M. 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 Student Affairs 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 appointment 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 that 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 suspected of abusing the Excused Absence Policy should be reported to the Associate Dean for Students 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

School of Dentistry | Medical College of Georgia

Please email comments, suggestions or questions to: James Barenie, jbarenie@mail.mcg.edu. January 29, 2001

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#### Catalog 2000

**Dentistry** 

#### **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 vears 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 time 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, Ph.D. in oral biology, or M.S. in health education-dental major can be obtained from the <u>School of Graduate Studies.</u>

#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

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## Catalog 2000

## **Dentistry**

### **Dental Residency Programs**

- <u>General Information</u>
- Endodontics
- Oral and Maxillofacial Surgery
- Orthodontics
- Pediatric Dentistry
- Periodontics
- Prosthodontics
- General Practice

#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

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#### Catalog 2000

#### Dentistry

#### Advanced Education Programs (Dental Residency Programs)

The Advanced Education Programs provide dentists with additional educational experience in the biological and clinical sciences relevant to specialty and general practice disciplines. This experience enables the resident to provide care for complex cases requiring treatment by a specialist. Residents gain additional experience in dental research and education. Successful completion of an advanced education program leads to a certificate. A master's degree in oral biology option is available through the School of Graduate Studies. Completion of the advanced education program meets the educational qualifications for examination by the appropriate dental specialty board. Further information on these programs can be obtained by writing:

Office of Advanced Education AD-1114A Medical College of Georgia School of Dentistry Augusta, Georgia 30912

#### Endodontics

Dr. Robert Loushine, Program Director

The major objective of the residency program is to provide postgraduate training in endodontics and to fulfill the specialty requirements of the American Dental Association, the American Association of Endodontists and the American Board of Endodontics. This is done through in-depth study of pertinent areas of basic science and correlation of the patho-physiologic processes with clinical problems encountered in endodontics. The resident becomes familiar with the problems of a differential diagnosis and treatment of pathosis of pulpal origin, is provided clinical experiences in routine and complicated procedures encountered in endodontics and is provided training and experience in research design and methodology. The program permits flexibility to adapt to individual experiences and objectives for career development.

#### **Oral and Maxillofacial Surgery**

Dr. Allen Sisk, Program Director

Advanced education in oral surgery is a four-year certificate postdoctoral program satisfying the educational requirements of the American Board of Oral and Maxillofacial Surgery. The study of the biomedical sciences as they relate to oral surgery are presented throughout the four years in regular weekly instructional courses, conferences and seminars and during rotations on medicine, anesthesia, surgery, trauma and neurosurgery services. Residents are engaged in a research or publication project culminating in a report suitable for publication.

#### Orthodontics

Dr. Edward Hamilton, Program Director

This 30-month graduate/residency program fulfills the specialty

educational requirements of the American Dental Association and the American Board of Orthodontists, and the requirements of the School of Graduate Studies for the master of science degree. The 45-hour graduate curriculum includes an original research project and defense of a master's thesis. The residency curriculum consists of a nucleus of orientation courses given annually and supplementary courses repeated biennially. Experience is provided in the Edgewise and Straight Wire appliance system. The program emphasizes critical analysis of the literature, differential diagnosis, technical excellence and critical evaluation of treatment results. Interdisciplinary patient management is provided in cooperation with other residency programs. Successful candidates will be awarded a master of science degree in oral biology and a certificate in orthodontics.

#### **Pediatric Dentistry**

Dr. Steven Adair, Program Director

The advanced program in pediatric dentistry is a two-year certificate program which satisfies the requirements of the American Board of Pediatric Dentistry. The program emphasizes clinical treatment of outpatients and hospitalized inpatients. Study of the biomedical sciences as they relate to pediatric dentistry is presented throughout in regular weekly instructional courses, conferences and seminars, and during rotations on pediatric and anesthesia services. A research project culminating in a report suitable for publication is required.

#### Periodontics

Dr. Philip J. Hanes, Program Director

The residency program in periodontics is a 36-month certificate program which provides the postdoctoral student with the biological and scientific background to treat periodontal disease on a rational basis. Students become thoroughly familiar with the periodontal literature and receive broad clinical experiences in examination, treatment planning and all accepted modes of treatment of periodontal diseases. A research project culminating in a M.S. degree in oral biology and a report suitable for publication is required. Hospital dentistry and a varied patient population are provided through affiliation with the Medical College of Georgia Hospital and Clinics and Department of Veterans Affairs Medical Center Dental Service. The periodontal residency program is accredited by the Council on Accreditation of the American Dental Association and its graduates are qualified to take the examination of the American Board of Periodontology.

#### Prosthodontics

Dr. J. Michael Gardner, Program Director

The postdoctoral program in combined prosthodontics is a three-year program which includes fixed and removable prosthodontics, implant prosthodontics, maxillofacial prosthodontics and temporomandibular dysfunction therapy. There is a strong emphasis on complete mouth rehabilitation and occlusion. Formal courses throughout the program present the basic and clinical sciences relative to the discipline and specialty. Upon completion of the program, a certificate in prosthodontics is awarded. The student is educationally qualified to apply for the American Board of Prosthodontics certifying examination.

The student also may apply to the School of Graduate Studies for the M.S. in oral biology or M.S. in health education.

#### **General Practice**

Dr. James W. Curtis, Jr., Program Director

This program provides postdoctoral education in clinical dentistry and applied basic sciences. The program emphasizes the management of medically compromised patients in a hospital environment. In addition to general dentistry, the general-practice resident has rotations in internal medicine, anesthesia, emergency medicine and oral surgery. Seminars and courses of special interest are regularly scheduled. Approximately 70 percent of the program is devoted to clinical dentistry. Upon successful completion of the program, residents receive a certificate.

## **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

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## Medical College of Georgia Guide to Course Descriptions

#### **Disciplines for School of Dentistry**

Discipline	Prefix
Dental Materials	DPS
Dental Materials, Semester Transition	DPSZ
Dental Pathology, Semester Transition	PATZ
Dental Practice	DAU
Dental Practice, Semester Transition	DAUZ
Dentistry Clerkship	CLK
Dentistry Clerkship, Semester Transition	CLKZ
Dentistry, Anatomy, Semester Transition	ANMZ
Dentistry, Basic Sciences	<u>OBMP</u>
Dentistry, Cardiac Life Support	CPR
Dentistry, Cardiac Life Support, Semester Transition	CPRZ
Dentistry, Cariology, Semester Transition	OBIZ
Dentistry, Case Presentation, Semester Transition	CSZ
Dentistry, Complete Dentures, Semester Transition	COMZ
Dentistry, Dental Assisting	DAE
Dentistry, Ethics	ETH
Dentistry, Ethics, Semester Transition	ETHZ
Dentistry, Independent Study	DIS
Dentistry, Interdisciplinary Seminar	ISEM
Dentistry, Mock Boards, Semester Transition	MBZ
Dentistry, National Board Review	NBR
Dentistry, New Student Orientation	NSO
Dentistry, Occlusion	OCC
Dentistry, Occlusion, Semester Transition	<u>OCCZ</u>
Dentistry, Orientation to Profession	ORP
Dentistry, Patient Services	PSE
Dentistry, Patient Services	IPS
Dentistry, Patient Services, Semester Transition	PMZ
Dentistry, Patient Services, Semester Transition	<u>IPSZ</u>
Dentistry, Pharmacology, Semester Transition	PHMZ
Dentistry, Physiology, Semester Transition	PHYZ
Dentistry, Radiology	RADD
Dentistry, Radiology, Semester Transition	RADZ

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Dentistry, Rural Health	RHO
Dentistry, Special Topics, Semester Transitions	OBZ
Dentistry, Statistics	<u>STAT</u>
Dentistry, Tallbott-Marsh Rotation	TMR
Dentistry, Treatment Planning	<u>OMTP</u>
Dentistry, Treatment Planning, Semester Transition	<u>OMTZ</u>
Dentistry, Vocational Opportunities	VOD
Dentistry, Vocational Opportunities, Semester Transition	VODZ
Emergency Dental Services	EDS
Emergency Dental Services, Semester Transition	EDSZ
Endodontics	ENDO
Endodontics, Semester Transition	ENDZ
Geriatric Dentistry	GER
Geriatric Dentistry, Semester Transition	GERZ
Implantology	IMPL
Implantology, Semester Transition	IMPZ
Oral Medicine	<u>OMD</u>
Oral Medicine, Semester Transition	<u>OMDZ</u>
Oral Microbiology, Semester Transition	MIBZ
Oral Surgery	OSD
Oral Surgery, Semester Transition	<u>OSDZ</u>
Orthodontics	ORTH
Orthodontics, Semester Transition	<u>ORTZ</u>
Pediatric Dentistry	PEDO
Pediatric Dentistry, Semester Transition	PEDZ
Periodontics	PER
Periodontics, Semester Transition	PERZ
Prosthodontics	PRO
Prosthodontics, Semester Transition	PROZ
Removal Partial Dentures, Semester Transition	RPDZ
Restorative Dentistry	RES
Restorative Dentistry, Semester Transition	<u>RESZ</u>

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## **DPS5001. Dental Materials**

2 credit hours

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

## PATZ5420A. Clinical Oncology

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

## DAU5001. Introduction To **Operatory Procedures**

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

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.

**DAU5003.** Principles and Practice of Small Business Administration

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

1 credit hours

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

Grading System: ABCDF

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**DAU5901. Dental Practice Dynamics Clinic** 

management, time management, and orientation to the private practice.

2 credit hours

3 credit hours

Grading System: ABCDF

## DAUZ5410. Principles and Practice of Small Business Administration

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

**DAUZ5420C. Dental Practice Dynamics Clinic** 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 private practice.

Grading System: ABCDF

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3 credit hours

## CLK5901. Clerkship

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

## **OBMP5001.** General and Oral Microanatomy

## 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.

## **OBMP5002.** Applied Head and Neck Anatomy

## Prerequisite: None

**OBMP5003.** Neuroscience

**OBMP5004.** Systemic Anatomy

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

Grading System: ABCDF

3 credit hours

Grading System: ABCDF

3 credit hours

## Prerequisite: None

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.

This course presents the basic structure and function of the nervous system through lectures and

Grading System: ABCDF

6 credit hours

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 Development

**OBMP5101.** Biochemical Basis of Oral Health and Disease

Prerequisite: None

Prerequisite: None

6 credit hours

5 credit hours

2 credit hours

# laboratories. Case studies are used to correlate basic science information with clinical neuropathies of dental interest.

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Catalog - Course Listing

Topics include regulatory mechanisms and pathways involved in the flow of genetic information required for normal tissue development and homeostasis. Special emphasis in 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

## 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 I 4 credit hours

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.

## **OBMP5202.** Physiological Foundation for Dental Practice II

**OBMP5103.** Nutrition for Dental Professionals

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

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.

## **OBMP5302.** Oral Microbiology and Infectious Disease II

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

2 credit hours

**OBMP5303.** Cariology Prerequisite: None

3 credit hours

2 credit hours

Grading System: ABCDF

3 credit hours

Grading System: ABCDF

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

Grading System: ABCDF

## **OBMP5402.** Pharmacology and Therapeutics for Dental **Practice II**

**OBMP5401.** Pharmacology and Therapeutics for Dental Practice I

Catalog - Course Listing

Prerequisite: None

general dentistry.

nervous system, cardiovascular system and endocrine function.

This course is an introduction to pharmacology with emphasis on aspects of particular relevant to

Grading System: ABCDF

## **OBMP5403.** Dental Pharmacology Seminar

**OBMP5501.** Applied Pathology in Dentistry

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

5 credit hours

2 credit hours

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 Conferences

Prerequisite: None

This course in 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

# Prerequisite: None

This course includes the pharmacology of drugs that affect the central nervous system, autonomic

1 credit hours

1 credit hours

## **OBMP5503.** Oral Pathology I

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

3 credit hours

## **OBMP5504. Oral Pathology II** 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 Oncology

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

1 credit hours

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

1 credit hours

## **OBMP5602.** Bioclinical Seminar II

**OBMP5601.** Bioclinical Seminar I

Prerequisite: None

## 2 credit hours

## \_\_\_\_\_

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

2 credit hours

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

## **CPR5001.** Basic Cardiac Life Support (CPR))

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)

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

1 credit hours

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## **CSZ5440.** Senior Oral Medicine Case Presentations

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

1 credit hours

## DAE5001. Dental Assisting Elective

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

## ETH5000. Ethics for Health Professionals

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

1 credit hours

## ETH5001. Ethics, Jurisprudence and Dentistry

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

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# ETHZ5400. Ethics, Jurisprudence and Dentistry

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: Satisfactory/Unsatisfactory

## DIS5901. Independent Study Clinic

Prerequisite: None This course is for special students to register for clinical patient care time. 2 credit hours

Grading System: ABCDF

## ISEM5001. Interdisciplinary Seminar

1 credit hours

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

#### MBZ5410. Mock Board

Prerequisite: None

This course is designed to prepare students for the regional dental board examination which is required for Georgia licensure. The course includes approximately 17 hours of Lecture and lab preparation time prior to a three 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

# MBZ5420. Mock Board

Prerequisite: None

This course is designed to prepare students for the regional board examination which is required for Georgia licensure. It is the second of two courses which are designed to simulate the regional board examination. This course includes approximately 22 hours of didactic, laboratory, and clinical examination time over a three day period.

Grading System: Satisfactory/Unsatisfactory

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1 credit hours

# NBR5001. National Board Review

Prerequisite: None Review Session for Part II National Boards (Oral Rehab, Oral Surgery, Pharmacology, Endo, Epidemiology, Statistics, OSHA Standards, Oral Path)

Grading System: ABCDF

# NSO5001. New Student Orientation

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

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Catalog - Course Listing

# **OCC5001. Dental Anatomy and Occlusion**

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

3 credit hours

Grading System: ABCDF

2 credit hours

Grading System: ABCDF

1 credit hours

Grading System: ABCDF

Grading System: ABCDF

**Return to Course Descriptions Home** 

# **OCC5002.** Occlusal Analysis

Prerequisite: None

Prerequisite: None

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.

This course introduces the student to the screening, diagnosis and treatment of temporomandibular

**OCC5003.** Diagnosis and Treatment of Temporomandibular Disorder

1 credit hours

disorders. The course also provides the experience of laboratory fabrication, and delivery of a "centric

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

**OCC5902.** Occlusion Clinic

encountered by general dentists.

**OCC5901. Occlusion Clinic** 

relation", full arch coverage occlusal splint.

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.

learned in previous didactic courses by requiring their application in clinical situations likely to be

# OCCZ5430C. Occlusion Clinic

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

# **ORP5001.** Orientation to the Profession and Ethics

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

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#### **PSE5901.** Patient Services Elective

Prerequisite: None

Catalog - Course Listing

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

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

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2 credit hours

# **IPS5901A. Introduction to Patient Services**

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

# **PMZ5240C.** Patient Services

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

# **PMZ5340C.** Patient Services

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

# **PMZ5340C.** Patient Services

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

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1 credit hours

1 credit hours

# PHMZ5410. Pharmacology Seminar

Prerequisite: None

This course is a seminar review and an update of pharmacologic topics. A National Board examination package has been assembled from the last 7 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

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**

Prerequisite: None

A comprehensive course in radiologic interpretation of developmental and pathologic lesions of the jaws and associated structures.

Grading System: ABCDF

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Catalog - Course Listing

# RADD5001. Radiology

Prerequisite: None

This is an introductory course in dental radiology that includes lectures and laboratory exercises in

2 credit hours

# STAT5001. Statistics, Epidemiology and the Scientific Method

Prerequisite: None

The core principles of quantitative thinking are presented and applied to examples and special problems in the biomedical literature. Students are assigned a biomedical journal article to critically review. Each student presents the review to the class and answers questions from faculty and classmates. Special lectures will also be presented on topics of current interest in research or clinical practice.

Grading System: ABCDF

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# **OMTP5001.** Treatment Planning I

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

# 1 credit hours

1 credit hours

**OMTP5002. Treatment Planning II** 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

# **VOD5001.** Vocational Opportunities in Dentistry

Prerequisite: None

A seminar course emphasizing opportunities in the profession of dentistry.

1 credit hours

Grading System: ABCDF

# **VODZ5400A.** Vocational Opportunities in Dentistry

Prerequisite: None

A seminar course emphasizing opportunities in the profession of dentistry.

Grading System: Satisfactory/Unsatisfactory

#### **EDS5901. Emergency Dental Services**

**EDS5902.** Emergency Dental Services

Prerequisite: None

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

#### 1 credit hours

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

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The Emergency Dental Services (EDS) provides students with the experiences necessary for them to be

# EDSZ5410C. Emergency Dental

Services

Prerequisite: None

The Emergency Dental Services (EDS) provides students with the experiences necessary for them to be competent in the 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: Satisfactory/Unsatisfactory

# EDSZ5430C. Emergency Dental Services

1 credit hours

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: Satisfactory/Unsatisfactory

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Catalog - Course Listing

# **ENDO5001. Fundamentals of Endodontics**

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).

# ENDO5002. Endodontic Seminar

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

Grading System: ABCDF

I credit hours

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 Clinic

**ENDO5901. Endodontic Clinic** 

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

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3 credit hours

1 credit hours

- ----

1 credit hours

# ENDZ5420. Endodontic

# Seminar

Prerequisite: None

Seminars cover such topics as alternative endodontic techniques, endodontic surgery, rationale for case referral, and endodontic apexification. Students are also introduced to the endodontic literature with assignments of written reports of articles in the Journal of Endodontics.

Grading System: Satisfactory/Unsatisfactory

# ENDZ5420C. Endodontic Clinic

Prerequisite: None

This course consists of the performance of endodontic procedures that are indicated for clinical patients. Each case must be treatment planned to include the endodontic therapy as well as the definitive restoration.

Grading System: ABCDF

**Return to Course Descriptions Home** 

1 credit hours

# **GER5001.** Introduction To Geriatric Dentistry

1 credit hours

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

# IMPL5001. Introduction To Oral Implantology

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**

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

Prerequisite: None

**OMD5003.** Nutrition

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.

In this course various aspects of nutritional counseling with patients are practiced. Major nutritional

Grading System: ABCDF

1 credit hours

3 credit hours

Grading System: ABCDF

**OMD5004.** Oral Medicine: The Medically Compromised Patient

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

Grading System: ABCDF

1 credit hours

1 credit hours

# **OMD5006.** Senior Oral Medicine Case Presentations

problems encountered in the clinical practice of dentistry are discussed.

health care providers.

**OMD5005.** Oral Medicine

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

#### 1 credit hours

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Catalog - Course Listing

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

1 credit hours

Grading System: ABCDF

1 credit hours

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

2 credit hours

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

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# **OMD5901.** Oral Medicine Clinic

**OMD5902.** Oral Medicine Clinic

**OMD5903.** Oral Medicine Clinic

Prerequisite: None

This course trains the students in clinical techniques of oral physical examination, collection of diagnostic data, treatment planning, and patient management.

#### **OMDZ5320.** Oral Medicine

**OMDZ5330.** Oral Medicine

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

1 credit hours

2 credit hours

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

**OMDZ5420C. Oral Medicine Clinic** 

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

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#### Catalog - Course Listing

#### **OSD5001.** Local Anesthesia

**OSD5002.** Fundamentals of Oral Surgery

Prerequisite: None The clinical techniques of local anesthetic administration for dentistry are presented in lecture and performed in the laboratory.

Grading System: ABCDF

# 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 1 credit hours 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 1 credit hours 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 2 credit hours Prerequisite: None This course is a continuation of Oral Surgery Clinic activity. Grading System: ABCDF

# **OSD5903.** Oral Surgery Hospital Clinic

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** 

1 credit hours

2 credit hours

#### **OSDZ5330C.** Oral Surgery Clinic

Prerequisite: None This initial course in clinical patient care introduces students to oral surgery clinical activity.

Grading System: ABCDF

# OSDZ5420C. Oral Surgery Clinic

Prerequisite: None This course is a continuation of Oral Surgery Clinic activity.

# **OSDZ5500C.** Oral Surgery Hospital Clinic

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 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 AM Monday to Noon Saturday. Students are on call 24 hours a day.

Grading System: Satisfactory/Unsatisfactory

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2 credit hours

3 credit hours

Grading System: ABCDF

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# **ORTH5001.** Orthodontics I

Prerequisite: None

Catalog - Course Listing

This course in 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

2 credit hours

**ORTH5002.** Orthodontics II Prerequisite: None

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

1 credit hours

Grading System: ABCDF

**Return to Course Descriptions Home** 

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

**ORTH5901.** Orthodontic Clinic

adjunctive or interceptive orthodontic treatment

# **ORTZ5410C.** Orthodontic Clinic

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

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# Catalog - Course Listing PEDO5001. Preclinical Pediatric Dentistry

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

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, cephlometrics and serial extraction; radiology; and orthodontics and relapse.

PEDO5003. Dentistry for the Disabled Patient

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

1 credit hours

PEDO5901. Pediatric Dentistry Clinic

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

2 credit hours

Prerequisite: None

PEDO5902. Pediatric Dentistry Clinic

This course provides additional opportunities for students to diagnose, treatment plan and provide comprehensive dental treatment for the typical child patient.

Grading System: ABCDF

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3 credit hours

1 credit hours

Grading System: ABCDF

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#### **PEDZ5330C.** Clinical Pediatric Dentistry

PEDZ5340. Dentistry for the Disabled Patient

Prerequisite: None

Catalog - Course Listing

diagnosis, treatment planning and providing dental treatment for the typical child patient.

Grading System: ABCDF

1 credit hours

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

# PEDZ5410. Pediatric Dentistry Seminar 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, Periodontolgy and Oral Surgery; Child Behavior; Tooth Eruption and Diastemas; Crossbites and Space Maintenance; Occlusion, Cephlometrics and Serial Extraction; Radiology; and Orthodontics and Relapse.

Grading System: ABCDF

# **PEDZ5430C.** Clinical Pediatric Dentistry

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** 

The purpose of this course is to provide opportunities for the students to develop competence in

2 credit hours

# PER5001. Fundamentals of Periodontology

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 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

1 credit hours

Prerequisite: None

**PER5002.** Surgical Periodontics

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

1 credit hours

# PER5003. Contemporary Topics in Periodontology

PER5004. Periodontology in a General Practice

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

2 credit hours

# 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

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# PER5901. Periodontic Clinic

PER5902. Periodontic Clinic

Prerequisite: None

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.

This is a clinical course in which the student, under faculty supervision, can diagnose his/her patients'

patient-performed disease-control measures, timely dentist-provided maintenance care and the positive

periodontal conditions and treat mildly involved cases. The need for early treatment, effective

Grading System: ABCDF

1 credit hours

outcome deriving from them is emphasized. The student is expected to make continuing progress toward

Grading System: ABCDF

2 credit hours

2 credit hours

Grading System: ABCDF

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# PER5903. Periodontic Clinic

fulfilling department graduation requirements.

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

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.

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# PERZ5410C. Periodontics Clinic

**PERZ5420C.** Periodontics Clinic

PERZ5430C. Periodontics Clinic

the department for graduation.

fulfillment of department graduation requirements.

Catalog - Course Listing

In this clinical course the student continues to meet all periodontal diagnostic, active treatment and maintenance needs of his/her assigned patients under faculty supervision. Maintenance needs are

Grading System: ABCDF

1 credit hours

PERZ5420. Periodontics Prerequisite: None

Prerequisite: None

Prerequisite: None

This is a special course for senior dental students, presented in an online internet format. The course is scheduled to coincide with several significant events in the student's professional training process: the most active phases of his senior periodontics case preparation, the National Board Examination Part II and ultimately, entry into practice.

In this clinical course the student, under faculty supervision, learns to satisfactorily examine patients with periodontal tissues ranging from healthy to severely diseased, record the findings, make the proper diagnoses, demonstrate competency in root planing and executing treatment for moderately involved cases to include minor surgical therapy. The student is expected to make continuing progress toward the

In this clinical course the student, under faculty supervision, learns to satisfactorily examine patients with periodontal tissues ranging from healthy to severely diseased, record the findings, make the proper diagnoses, demonstrate proficiency in root planing and executing treatment for moderately involved cases to include minor surgical therapy. The student must demonstrate satisfactory maintenance of the periodontal health for all assigned cases. The student is expected to have completed all requirements of

Grading System: ABCDF

1 credit hours

Grading System: ABCDF

Grading System: ABCDF

1 credit hours

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Prerequisite: None

emphasized.

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Catalog - Course Listing

#### **PRO5001.** Preclinical Complete Dentures

Prerequisite: None

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

5 credit hours

Prerequisite: None

Prerequisite: None

**PRO5002.** Removable Partials

**PRO5003.** Complete Dentures

**PRO5004.** Advanced Prosthodontics

**PRO5901.** Prosthodontic Clinic

semester insertion deadline.

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

3 credit hours

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

3 credit hours

2 credit hours

Prerequisite: None

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

Grading System: ABCDF

2 credit hours

**PRO5902. Prosthodontic Clinic** Prerequisite: None

The student will examine two patients requiring removable prosthodontic care. The student will then design, construct and insert four units of removable prosthodontics, under faculty supervision, by the posted insertion deadline.

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

2 credit hours

# PRO5903. Prosthodontic Clinic

# Prerequisite: None

During this clinical course the student must complete three additional units of removable prosthodontics and an RPD recall of a patient who is not assigned to any student currently enrolled at MCG. This will bring the total number of units completed by the student to nine. All nine units must also be FINAL EVALUATED by an appropriate faculty member. The 9 units must consist of the following: 1. Two sets of COMPLETE DENTURES (four units) completed under faculty supervision. 2. A TEST CASE consisting of one set of complete dentures (two units) completed with minimal faculty supervision.3. Two REMOVABLE PARTIAL DENTURES (two units), one of which must be a mandibular Class I or Class II design, completed under faculty supervision.4. An ELECTIVE (one unit) which may be either a single complete denture or a removable partial denture, an overdenture, an immediate denture, opposing transitional dentures

Grading System: ABCDF

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### **PROZ5410C.** Prosthodontics Clinic

**PROZ5420C.** Prosthodontics Clinic

Prerequisite: None

Catalog - Course Listing

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 insertion deadline.

Grading System: ABCDF

Grading System: ABCDF

1 credit hours

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 insertion deadline.

**PROZ5430C.** Prosthodontics Clinic

Prerequisite: None

In this clinical course, the student will examine patients requiring removable prosthodontic care or RPD recall. The student will then design, construct and insert at least three units of removable prosthodontics, under faculty supervision, by the posted insertion deadline.

Grading System: ABCDF

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1 credit hours

2 credit hours

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## **RES5001.** Operative Dentistry

Prerequisite: None

Catalog - Course Listing

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 I

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

**RES5004. Fixed Prosthodontic Seminar** 

**RES5005.** Esthetic Restorative Dentistry

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

1 credit hours

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.

esthetic restorations such as: all ceramic- full-coverage crowns, porcelain veneers, direct posterior

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

composites, custom characterization and glazing of porcelain restorations, and vital bleaching

Grading System: ABCDF

The goal of this course is to provide an exposure of the special didactic and clinical requirements of

3 credit hours

Grading System: ABCDF

1 credit hours

## **RES5006.** Restorative Seminar

rehabilitation will be reviewed.

Prerequisite: None

Prerequisite: None

This lecture/seminar course reviews advances and research in restorative materials and techniques.

7 credit hours

4 credit hours

### **RES5901.** Restorative Clinic

**RES5902.** Restorative Clinic

**RES5903.** Restorative Clinic

### Prerequisite: None

Prerequisite: None

Prerequisite: None

Catalog - Course Listing

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

5 credit hours

to gain clinical experience and skill while demonstrating independent clinical knowledge and technical

Grading System: ABCDF

7 credit hours

## Grading System: ABCDF

7 credit hours

### **RES5904.** Restorative Clinic

Prerequisite: None Students provide a variety of restorative procedures to patients in a supervised comprehensive clinical

quantity of dentistry with a given time period.

skills for a variety of indirect and direct restorative procedures.

environment. Procedures include direct composites and amalgams and indirect crown and bridge.

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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

Grading System: ABCDF

The purpose of this clinical course during the junior year is to provide the student with the opportunity

5 credit hours

Grading System: ABCDF

#### Catalog - Course Listing

### **RESZ5140.** Fixed Prosthodontics

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.

Grading System: ABCDF

### **RESZ5220.** Fixed Prosthodontics

**RESZ5230.** Fixed Prosthodontics

**RESZ5240. Fixed Prosthodontic Seminar** 

**RESZ5310.** Esthetic Restorative Dentistry

Prerequisite: None

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.

The purpose of this course is to introduce the student to fixed prosthodontic metal-ceramic restorations through didactic and hands-on laboratory experiences. The student will also gain further knowledge concerning PFM restorations, laboratory communication and tissue retraction. Following lecture

Grading System: ABCDF

1 credit hours

Grading System: ABCDF

1 credit hours

Prerequisite: None

and treatment planning.

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

2 credit hours

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 and include mucogingival and edentulous ridge modification procedures. Treatment rationale and criteria are presented so that the student can successfully develop a comprehensive esthetic treatment plan.

Grading System: ABCDF

2 credit hours

exposure to diagnosis and treatment principles the student will participate in a problem-based-learning experience to be exposed to the thought processes necessary for fixed prosthodontic patient diagnosis

rown and bridge

protocol that have a direct impact on the practice of Restorative Dentistry.

### **RESZ5310C. Restorative Clinic**

Prerequisite: None

The purpose of this clinical program during the junior year is to provide the student with the opportunity to gain clinical experience and skill while demonstrating independent clinical knowledge and clinical skills for a variety of indirect and direct restorative procedures.

Grading System: ABCDF

4 credit hours

Grading System: ABCDF

1 credit hours

5 credit hours

1 credit hours

This course is designed to provide information on recent advances in clinical techniques, materials and

Grading System: Satisfactory/Unsatisfactory

**RESZ5430C.** Restorative Clinic

**RESZ5430.** Restorative

Seminar III

Prerequisite: None

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 within a given time period.

### **RESZ5410C.** Restorative Clinic

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 a confirmation of student clinical skills and knowledge and assessment of the ability of the student to perform both quality dentistry and a quantity of dentistry within a given time period.

**RESZ5420.** Restorative Seminar II

Prerequisite: None

This lecture/seminar course reviews advances and research in restorative materials and techniques.

Grading System: Satisfactory/Unsatisfactory

## **RESZ5420C.** Restorative Clinic

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 within a given time period.

Grading System: Satisfactory/Unsatisfactory

3 credit hours

3 credit hours

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Assistant Dean Business Operations	Mr. Bryan L. Adams

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## The Medical College of Georgia can be the spring board to the career of your dreams in:

Biomedical Sciences Nursing Allied Health Sciences

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 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 \$25,000-41,000 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 <u>common admissions</u> 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: <u>Biochemistry and</u> <u>Molecular Biology</u>, <u>Cellular Biology and Anatomy</u>, <u>Molecular Medicine</u>, <u>Pharmacology and Toxicology</u>, <u>Physiology and Endocrinology</u> and <u>Vascular Biology</u>. Applicants to the Ph.D. and M.S. programs in <u>Oral Biology</u> are admitted via a separate process.

Qualified Ph.D. applicants are eligible for stipend support (projected at \$18,500.00 per year for fall 2001). 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.

### Nursing

A master's degree or Ph.D. in nursing enables a career in fields such as <u>Adult</u> <u>Nursing</u>, <u>Parent-Child Nursing</u>, <u>Community Nursing</u>, <u>Mental</u>

Health/Psychiatric 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 <u>Associated Dental Science</u>, <u>Health Information Management</u>, <u>Medical Illustration</u>, <u>Medicine Technology</u>, <u>Occupational Therapy</u>, <u>Physical Therapy</u>, <u>Physician Assistant</u>, <u>Radiologic Sciences</u> and <u>Respiratory Therapy</u>.

Applications for Admissions to Graduate Degree Programs

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### Master of Nursing (M.N.)\*\*

- Nursing Anesthesia
- <u>Nurse Practitioner</u>

#### **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.

## **Allied Health**

Master of Health Education (M.H.E.)\*\* Master of Science (M.S.)

### Medical Illustration M.S.

### Physical Therapy M.P.T.

\*\*Bachelor's degree and evidence of current Georgia licensure in the respective field (or eligibility for such licensure) required.

## **Biomedical Sciences**

- <u>Biochemistry</u>
- <u>Anatomy</u>
- <u>Pharmacology</u>
- <u>Physiology & Endocrinology</u>
- <u>Oral Biology</u> (requires concurrent acceptance in School of Dentistry or professional degree)
- Vascular Biology

Applications for Admission to Graduate Degree Programs

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## Adult Nursing Master of Science

This program prepares nurses for advanced practice as clinical nurse specialists in the 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 ambulatory care, trauma, cardiovascular care and oncology. Career opportunities in a variety of clinical specialties are excellent throughout the Southeast and beyond.

### **Program Goals**

- To cultivate clinical competence in various client-care situations
- To synthesize knowledge of ethics, biosocial-cultural and legal principles in managing health promotion and delivering health care to 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 hospitals, homes and communities
- College-level teaching and research
- Clinical nursing in business/industrial settings

### **Admission Requirements**

- Bachelor of science degree in nursing from an N.L.N.-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)

- One year of R.N. experience
- TOEFL of 600 paper-based or 250 computer-based or higher, if applicable. 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) 721-4710 or email gradadm@mail.mcg.edu or visit our web site.

Applications for Admission to Graduate Degree Programs

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# Community Health Nursing Master of Science

The Master of Science in Community Health Nursing program prepares advanced-practice nurses to provide leadership and expertise in community health nursing. The program is designed for registered nurses with a baccalaureate degree interested in leadership positions in population-based care. Students may enter the program directly from a B.S.N. program; professional nursing experience is not required.

### **Program Goals**

- To prepare advanced-practice nurses to provide population-based care
- To impart a strong theoretical focus and practice base in community health nursing
- To cultivate leadership qualities to advance the nursing profession and positively impact the health care system

### **Career Opportunities**

- Population-based clinical nursing
- Population-based nursing research
- Administration in the field of community health nursing
- Education in the field of community health nursing

### **Admission Requirements**

- Bachelor of science degree in nursing from an N.L.N. -accredited program with a GPA of 3.0 or higher on a 4.0 scale
- Current Georgia nurse licensure
- GRE score of 900 or higher (sum of verbal and quantitative)
- Three letters of recommendation
- TOEFL of 600 paper-based or 250 computer-based or higher, if applicable. 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) 721-3676 or email <u>jboyle@mail.mcg.edu</u> or visit <u>our web site</u>.

Applications for Admission to Graduate Degree Program

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## Mental Health/ Psychiatric Nursing Master of Science

This program prepares advanced-practice nurses in mental health-psychiatric nursing. Course work includes classroom and clinical experiences in biological, individual, family and group therapies. Opportunities for guided study in stress and coping, addictions, women's development, child and adolescent psychiatric nursing and geropsychiatric nursing are provided. The program provides at least 400 hours of clinical practice which can be applied toward national certification as a clinical nurse specialist.

### **Program Goals**

- To prepare advanced-practice nurses in mental health-psychiatric nursing
- To expose students to a broad range of classroom and clinical experiences encompassing mental health issues affecting all ages
- To provide a strong foundation in nursing theory and research-based practice

### **Career Opportunities**

- Individual psychiatric-mental health nursing
- Family psychiatric-mental health nursing
- Child and adolescent psychiatric-mental health nursing
- Geropsychiatric nursing
- Substance-abuse rehabilitation
- University-level teaching and research participation

### **Admission Requirements**

- Bachelor of science degree in nursing from an N.L.N.-accredited program with an undergraduate GPA of 3.0 or higher on a 4.0 scale
- Official transcripts of all post-secondary academic study
- Current 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)
- One year of R.N. experience
- TOEFL of 600 paper-based or 250 computer-based or higher, if applicable. 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) 721-9748 or the Department of Mental Health/Psychiatric Nursing at (706) 721-4602, email gradadm@mail.mcg.edu or visit our web site.

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Please email comments, suggestions or questions to: Gretchen Caughman, <u>gcaughma@mail.mcg.edu</u> January 23, 2001

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# Parent-Child Nursing Master of Science

The Master of science in Parent-Child Nursing program prepares registered nurses for advanced practice in one of the following fields:

- Pediatric nurse practitioner, providing and managing the care of children from birth through adolescence in various primary-care settings (Post-master's certification available).
- Clinical nurse specialist with a parent-child focus, providing and managing the care of women, children and their families during the child-bearing and/or child-rearing phases of life.

### **Program Goals**

- To prepare registered nurses for leadership roles within the profession
- To prepare nurses to use concepts of advanced practice, expanded clinical skills, research, management and negotiation to meet patient/family needs and influence health policy

## **Career Opportunities**

- Providing and managing care in primary, secondary and/or tertiary settings
- Research and management in the field of parent-child/family health
- Educational and clinical leadership

## **Admission Requirements**

- A bachelor of science degree in nursing from an N.L.N.-accredited program with an undergraduate GPA of 3.0 or higher on a 4.0 scale
- Official transcripts of all post-secondary academic study
- Current professional Georgia nurse licensure
- Graduate or undergraduate credit in a health assessment course
- Graduate or undergraduate credit in a statistics course
- Personal interview with faculty
- Three letters of recommendation
- GRE score of 900 or higher (sum of verbal and quantitative)
- TOEFL of 600 paper-based or 250 computer-based or higher, if applicable. 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) 721-9748, Department of Parent-Child Nursing at (706) 721-2451 or visit <u>our web site</u>.

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## Nursing Anesthesia Master of Nursing

This 28-month program includes didactic and clinical study. Students administer local, 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 500 anesthetics over at least 1,000 clinical hours. After graduating, students are eligible for the national Certification Examination required to practice a a nurse anesthetist in Georgia.

### **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 N.L.N.-accredited program with a GPA of 3.0 or higher on a 4.0 scale

- Official transcripts of all post-secondary education
- Current Georgia nurse licensure
- Graduate or undergraduate statistics course
- Graduate or undergraduate health assessment course
- Personal interview with coordinator or designee
- Three letters of recommendation required
- GRE score of 900 or higher (sum of verbal and quantitative)
- At least one year of critical-care R.N. experience
- TOEFL of 600 paper-based or 250 computer-based or higher, if applicable. 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) 721-9558 or email: <u>bmaddox@mail.mcg.edu</u> or visit <u>our web site</u>.

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## Nurse Practitioner Master of Nursing

This program prepares advanced-practice nurses to provide primary health care to clients and families. All students take core courses covering theoretical foundations for nursing, health systems and models, pathophysiology, pharmacology and research utilization. After those courses, students take clinically focused specialty courses in family nurse practitioner or pediatric nurse practitioner.

Full-time and part-time study is available. Also, a program is available for those who have completed a master's degree of nursing at an accredited university and seek certification as a nurse practitioner. This abbreviated programs leads to a certification, not a second master's degree.

The programs are accredited by the National League of Nursing and the Southern Association of Colleges and Schools. After completing the program, graduates are eligible for national certification examinations.

### **Program Goals**

- To prepare students for an advanced-practice career as a nurse practitioner
- To provide a broad foundation in the theoretical foundations of nursing
- To provide a broad foundation in nursing research

### **Career Opportunities**

- Family nurse practitioner
- Pediatric nurse practitioner
- College-level teaching and research

### **Admission Requirements**

- Bachelor of science degree in nursing from an N.L.N.-accredited program with a GPA of 3.0 or higher on a 4.0 scale
- Official transcripts from all post-secondary education
- Current professional Georgia licensure
- Graduate or undergraduate health assessment course
- Graduate or undergraduate statistics course
- One year of R.N. experience
- Personal interview with faculty
- Three letters of recommendation

- GRE score of 900 or higher (sum of verbal and quantitative)
- TOEFL of 600 paper-based or 250 computer-based or higher, if applicable. 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 the Nurse Practitioner Program at (706) 721-9748 visit <u>our web site</u> or email: <u>gradadm@mail.mcg.edu</u>

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# R.N. to M.N./M.S.N. Program

This 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. Specific tracks, depending on enrollment, include M.N. degrees in family nurse practitioner and pediatric nurse practitioner and M.S.N. degrees in mental health-psychiatric nursing, nursing and clinical nurse specialist in adults. Twenty-seven semester hours of B.S.N. course work are required prior to applying. The program requires 36 semester hours of master's courses.

### **Program Goals**

- To enable registered nurses to expeditiously earn a master's degree
- To give registered nurses the skills and education to broaden their careers, challenges and earning potential
- To teach skills to conduct nursing research applicable to clinical or academic careers

### **Career Opportunities**

- Specialized clinical nursing in hospital, home and community environments
- Nursing education in academic environments

### **Admission Requirements**

- Completion of required 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 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)
- TOEFL score of 600 paper-based or 250 computer-based or higher, if applicable. Graduates of foreign nursing programs must have transcripts and application materials evaluated by the Commission on Graduates of Foreign Nursing Schools.

### **Core Undergraduate Nursing Curriculum Requirements**

#### A. Essential skills, nine semester hours

English composition I, *three hours* English composition II (literature-based), *three hours* College algebra, mathematical modeling, trigonometry, pre-calculus or calculus, *three hours* 

#### B. Institutional option,\*

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,\*

six semester hours 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 or physics and an additional course in science, mathematics or technology

#### E. Social science, 12 semester hours

- U.S. history U.S. government Psychology Sociology Anthropology Group process Human development Social problems Racial and ethnic minority groups
- F. Course appropriate for the major, *18 semester hours* Anatomy and physiology, *eight hours* Microbiology, *four hours*

Applied statistics, *three hours* Guided electives, *three hours* Sociology, psychology, human growth and development (human growth and development strongly recommended)

\* 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.

For more nursing information visit our web site.

For more information about health-related career opportunities, visit the web site <u>www.mcg.edu/careers</u>

For more information, call (706) 721-4710 or email gradadm@mail.mcg.edu

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## Ph.D. Programs

#### **Biomedical Sciences**

The Medical College of Georgia offers the Ph.D. degree in: Biochemistry, Microbiology, Anatomy, Molecular Medicine, Pharmacology and Physiology and Endocrinology. First-year students are admitted via a <u>common admissions</u> process to Ph.D. programs in biomedical sciences at MCG. After completing first-year core course-work and laboratory rotations, they choose a research mentor from the graduate faculty holding appointments in the biomedical sciences departments and institute listed below. 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 \$18,500.00 for fall 2001. Students with stipend support are also eligible for reduced tuition and fees currently totaling \$168 per semester. Annual salaries for Ph.D. scientists range from about \$25,000 for postdoctoral fellows to \$100,000 or more for senior professors and researchers.

#### **Biochemistry and Molecular Biology**

Areas of research interest in the program are focused on important human health problems including drug abuse and its effect of the developing fetus, drug delivery to treat disease, complications of diabetes and aging, sickle cell disease and related thalassemias, stroke and reperfusion injury, and kidney disease. For more information, call Dr. Dorothy Y. H. Tuan at (706) 721-0273 or e-mail <u>dtuanlo@mail.mcg.edu</u>.

#### **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 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. Dale W. Sickles at (706)721-7393 or e-mail dsickles@mail.mcg.edu.

#### **Molecular Medicine**

This is one of the newest biomedical sciences graduate program, based in

an interdisciplinary research institute rather than an academic department. The institute of Molecular Medicine and Genetics, which sponsors the program, includes more than 40 faculty drawn from clinical and basic science departments. Students design their own program of study, in consultation with their advisory committee. Research opportunities are available in developmental biology, gene regulation, molecular immunology and cell signaling. For more information, contact Dr. Nancy Manley at (706)721-0691, email <u>nmanley@mail.mcg.edu</u>.

#### **Pharmacology and Toxicology**

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. Nevin Lambert at (706)721-6336, e-mail <u>nlambert@mail.mcg.edu</u>.

#### Physiology and Endocrinology

This program, which offers the Ph.D. degree in both physiological and endocrine sciences, trains students in the latest techniques and methods of cellular and molecular biology as applied to the physiological sciences and reproductive endocrinology. Most of our graduates enter careers in biomedical research and teaching at leading medical schools and universities, as well as biotechnology and pharmaceutical companies. For more information, contact Dr. Tom Ogle at (706)721-7814, e-mail togle@mail.mcg.edu.

#### Vascular Biology

The Vascular Biology Graduate Program has been approved by the University System Board of Regents to begin with the Fall 2000 semester at MCG. The Vascula



begin with the Fall 2000 semester at MCG. The Vascular Biology Graduate Program is based in an interdisciplinary research center, the Vascular Biology Center, that includes 7 core faculty members and more than 20 associate faculty members from throughout many clinical and basic science departments on the MCG campus. Research projects pursued by the Vascular Biology Center encompass studies from the molecular and genetic level, from 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 or jpollock@mail.mcg.edu Copyright © 2000 Medical College of Georgia All rights reserved. **Medical College of Georgia** 

Please email comments, suggestions or questions to: Gretchen Caughman, gcaughma@mail.mcg.edu January 23, 2001

## Medical College of Georgia University System of Georgia M.D./Ph.D. Program

#### **General Information**

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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 six to 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. 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. Copyright © 2000 Medical College of Georgia All rights reserved. <u>Medical College of Georgia</u> Please email comments, suggestions or questions to: Becky Click, <u>rclick@mail.mcg.edu</u>.

October 02, 2000

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## 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 600 paper-based or 250 computer-based or higher, if applicable. Graduates of foreign nursing programs must have transcripts and application materials evaluated by the Commission

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on Graduates of Foreign Nursing Schools.

For more information, call (706) 721-4710, visit <u>our web site</u> or email <u>gradadm@mail.mcg.edu</u>

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## **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 cytommetry, electron microscopy an central computing.

## 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 600 paper-based or 250 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, call the department at (706) 721-7647, or visit our web site at <u>http://www.mcg.edu/bmb/</u>

Applications for Admission to Graduate Degree Programs

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# 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 600 paper-based or 250 computer-based, if applicable
- Two official transcripts from each college or university attended

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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# Pharmacology and Toxicology

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. The Department currently has 15 full-time primary faculty and a large number of postdoctoral fellows. The Graduate Program in Pharmacology and Toxicology has 16 students enrolled for the 1999-2000 academic year.

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 webpage: <u>http://www.mcg.edu/som/PhmTox/faculty.html</u>

#### **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.

### The Ph.D. 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 (\$15,500 for the 1999-2000 academic year) and greatly reduced tuition.

**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. For more information, call Nevin Lambert, Ph.D., program director at (706) 721-6336 or email: <a href="mailto:nlambert@mail.mcg.edu">nlambert@mail.mcg.edu</a>.

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# Physiology and Endocrinology

The Medical College of Georgia Department of Physiology prepares qualified students for careers as research scientists and college teachers in these disciplines. The department offers master's and Ph.D. degrees in both physiological and endocrinological sciences. Students accepted into medical school may pursue a combined M.D./Ph.D. degree.

The program offers extensive education and training in the philosophy and performance of basic and biomedical research. First-year students rotate through the laboratories of all faculty members who conduct research, allowing them to consider several areas of study before selecting a specific faculty adviser and area of research. Course work is usually completed in the first two years and all Ph.D. requirements can be completed in approximately five years.

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 program is 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. Sites of our graduates' post-graduate training have included Harvard University, Vanderbilt University, the University of Texas, the University of Alabama at Birmingham, the National Institutes of Health, the Mayo Clinic, the University of Washington, Dartmouth University and many other well-known institutions.

Most of our graduates enter careers in biomedical research and teaching at the nation's leading medical schools and universities, as well as biotechnology and pharmaceutical companies. They have established their reputations through scientific publications and service on journal editorial boards and review panels for grant applications. Several of our graduates have become department chairmen, deans and other administrative leaders. We welcome your application to our program. Applicants must have a solid undergraduate background in the biological sciences with a grade point average of 3.3 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. Thomas F. Ogle, Department of Physiology and Endocrinology, Medical College of Georgia, Augusta, GA 30912. Phone: (706) 721-3401. Fax: (706) 721-7299. Email: togle@mail.mcg.edu or visit our web site.

Applications for Admission to Graduate Degree Programs

Copyright © 2000 Medical College of Georgia All rights reserved. Medical College of Georgia Please email comments, suggestions or questions to: Gretchen Caughman, <u>gcaughma@mail.mcg.edu</u> January 23, 2001 School of Graduate Studies Oral Biology

Medical College of Georgia

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# 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
- 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 600 paper-based or 250 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

Oral Biology and Maxillofacial Pathology Home Page

Applications for Admission to Graduate Degree Programs

Medical College of Georgia Please email comments, suggestions or questions to: Gretchen Caughman, gcaughma@mail.mcg.edu January 23, 2001

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## Medical College of Georgia Guide to Course Descriptions

**Disciplines for 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	ADS
Graduate Education for Health Sciences	<u>EDU</u>
Graduate Endocrinology	END
Graduate Oral Biology	<u>OBMP</u>
Graduate Radiologic Sciences	RAD
Graduate Sciences	<u>SGS</u>
Graduate Statistics	<u>STA</u>
Health Information Management, Graduate	HIM
Medical Illustration	MIL
Medical Microbiology	IMMB
Medical Technology, Graduate	MTCG
Molecular Medicine	MOL
Nursing, Graduate	<u>NSG</u>
Occupational Therapy, Graduate	<u>OTH</u>
Oral Biology, Graduate	<u>OBG</u>
Pharmacology, Graduate	PHM
Physical Therapy, Graduate	<u>GPT</u>
Physical Therapy, MPT Courses	MPT
Physician Assistant, Graduate	PAD
Physiology and Endocrinology, Graduate	<u>P&amp;E</u>
Physiology, Graduate	PHY
Respiratory Therapy, Graduate	<u>RTH</u>

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Student Affairs and Admissions | Medical College of Georgia

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#### AHS7000. Health Care Administration and Management

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 Seminar** Prerequisite: Statistics courses

**AHS9020.** Methods of Research

Phenomena relevant to allied health investigators are discussed. Emphasis is placed on identifying researchable problems and research strategies.

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

Prerequisite: Statistics courses (one course may be concurrent with AHS9020)

Grading System: ABCDF

3 credit hours

2 credit hours

Grading System: ABCDF

1 - 2 credit hours

Grading System: ABCDF

0 credit hours

Grading System: ABCDF

1 - 4 credit hours

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

#### process. Learning experiences include the critical analysis of research studies and the development of research proposal.

#### **AHS9050.** Seminar in Allied Health Professions Education 1-0-0-1

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.

**AHS9100. Research Practicum** 

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.

**AHS9200. Special Project** 

## AHS9210. Investigation of a Problem

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 one is involved.

Grading System: Satisfactory/Unsatisfactory

AHS9300. Thesis

Prerequisite: Completion of required course work research proposal approved by student's committee.

Grading System: Satisfactory/Unsatisfactory

**Return to Course Descriptions Home** 

1 - 4 credit hours

#### 1 - 4 credit hours

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#### Catalog - Course Listing

#### **BMB7450.** Medical Biochemistry

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 Biology

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.

**BMB8020.** Core Biochemistry and Molecular Biology

Prerequisite: None

BMB8280. Neurochemistry

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

Grading System: ABCDF

#### **BMB8200.** Topics in Biochemistry and Molecular Biology 5 credit hours Prerequisite: Medical Biochemistry, BMB 8010, BMB 8020 Topics in Biochemistry and Molecular Biology. Emphasis is on a combination of lecture, student presentations and critical group analysis of original research topics and publications. Grading System: ABCDF BMB8260. Introduction to Research in Biochemistry and 3 credit hours **Molecular Biology** Prerequisite: BMB 8010

An overview of current techniques in biochemical and molecular biological laboratory investigations and standard laboratory practices.

Grading System: ABCDF

5 credit hours

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 credit hours

7 credit hours

5 credit hours

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Catalog - Course Listing

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 1 credit hours **Biology** Prerequisite: None Research presentations by MCG faculty, students and visiting research scientists. Grading System: Satisfactory/Unsatisfactory **BMB9020.** Seminar in Biochemistry and Molecular 1 credit hours **Biology** Prerequisite: None Research presentations by MCG faculty, students and visiting research scientists. Grading System: Satisfactory/Unsatisfactory BMB9210A. Investigation of a credit hours Problem 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 credit hours **Problem** 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

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

credit hours

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 Anatomy

Prerequisite: None

#### ANM6500X. Musculoskeletal Anatomy

Prerequisite: None

#### **ANM7010. Human Gross Anatomy**

Prerequisite: None

Study of the Anatomy of the Human Body as applicable to Clinical Practice. Lectures, laboratory and demonstration materials are directed studies.

#### ANM7030. Neuroanatomy

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

4 credit hours

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

2 credit hours

Grading System: Satisfactory/Unsatisfactory

### **ANM7710. General Immunology**

**ANM8010.** Special Topics in Anatomy

Discussion and analysis of current research areas.

ANM7040. Graduate Neuroanatomy

Prerequisite: None

Prerequisite: None

Prerequisite:

Introduction to the components of the immune system, control of the immune system, and clinical aspects of host defenses.

Grading System: ABCDF

0 credit hours

#### 4 credit hours

Grading System: ABCDF

4 credit hours

Grading System: ABCDF

Grading System: ABCDF

7 credit hours

## **ANM8020.** Introduction To Research Prerequisite: None

Discussion and analysis of current research areas

### ANM8050. Cell Biology and Development

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

#### 3 credit hours

ANM8080. Retinal Cell Biology Prerequisite: Core Cell Biology

Focuses on the retina as a model for research on CNS cellular functional and growth.

Grading System: ABCDF

### 3 credit hours

3 credit hours

This course gives an in-depth coverage of the components of the immune system Grading System: ABCDF

### ANM8150. Molecular and Cellular Virology

ANM8120. Advanced Topics in Immunology

Prerequisite: General immunology or permission of instructor

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

Prerequisite: None

Forum for faculty and graduate students to present their research.

Grading System: Satisfactory/Unsatisfactory

### ANM9020. Seminar in Cellular Biology and Anatomy

Prerequisite: None

Forum for faculty and graduate students to present their research.

Grading System: Satisfactory/Unsatisfactory

2 credit hours

7 credit hours

Grading System: ABCDF

1 credit hours

## ANM9210A. Investigation of a Problem

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

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

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

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

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** 

credit hours

credit hours

0 credit hours

0 credit hours

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**ADS8000.** Clinical Dental Hygiene

Catalog - Course Listing

Prerequisite: Admission to program

Designed to provide the background knowledge, competencies and attributes needed in a variety of settings essential for clinical dental hygiene instructors.

Grading System: ABCDF

#### ADS8030. Dental Hygiene Leadership

Prerequisite: Education psychology and teaching experience in a dental hygiene program A forum-laboratory in which to discuss and test current concepts in academic dental hygiene programs. Application of principles of behavioral sciences, communication and management to the problems of designing, developing, administering, and evaluating a dental hygiene program.

Grading System: ABCDF

3 credit hours

Prerequisite: Admission to the program

ADS8090. Advanced Clinical Field Experience

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

#### **ADS9250.** Project in Dental Hygiene

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

**Return to Course Descriptions Home** 

3 credit hours

3 credit hours

1 - 4 credit hours

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Catalog - Course Listing

Education

Prerequisite: None

curriculum and instruction.

### **EDU6210.** Group Dynamics

Prerequisite: Admission to School of Graduate Studies

**EDU7000.** Curriculum and Instruction in Higher

EDU7001. Methods of Evaluation in Higher Education

Prerequisite: EDU7000 (may be concurrent)

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.

The purpose of this course is to provide the learner with a foundation regarding curriculum or program

development through learning activities which exemplify roles of a professional educator regarding

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,

development and instructional theory. The learner also is provided with opportunities for role

Grading System: ABCDF

3 credit hours

Grading System: ABCDF

3 credit hours

use of scales and other observational tools, setting of performance standards, and assignment of grades.

Grading System: ABCDF

1 - 3 credit hours

3 credit hours

### **EDU7003.** Teaching Practicum

Prerequisite: EDU7000, EDU7001, EDU7006 (may be concurrent)

The role of the instructor in student evaluation is discussed throughout the course.

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.

EDU7005. The Adult As a Learner

**EDU7006.** Instructional Processes

Prerequisite: None

Prerequisite: EDU7000

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

Grading System: ABCDF

3 credit hours

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

<b>EDU7020. Health Informatics and Utilization of Electronic T</b> Prerequisite: Admission to the School of Graduate Studies Access to WWW	5 credit hours	
	Grading System: ABCDF	
EDU9200. Special Project	1 - 4 credit hours	
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.		
1 1	Grading System: ABCDF	

**Return to Course Descriptions Home** 

#### **END8130.** Mechanism of Steroid Hormone Action

Prerequisite: Functional Cell Biology I, SGS 8020 and Functional Cell Biology II, SGS 8030 or taking concurrently

A detailed analysis of the intracellular events known to precede manifestation of steroid hormone action. Particular emphasis on receptor interactions with nuclear structures with a view toward regulation of genetic expression.

Grading System: ABCDF

4 credit hours

2 credit hours

### END8140. Endocrinology of Polypeptide Hormones

Prerequisite: inorganic chemistry, organic chemistry, quantitative analysis, physiology, histology, biochemistry

Structure - function relationships of hormones of the hypothalamus, pituitary, thyroid, parathyroid, pineal, pancreas, adrenal medulla and gastrointestinal tract are studied as well as a characterization of paracrine and autocrine factors.

Grading System: ABCDF

3 credit hours

3 credit hours

Prerequisite: None

The course covers nomenclature, biosynthesis, secretion, metabolism and actions of steroid hormones.

### **END8160.** Polypeptide-hormone Receptor Interactions

This course presents recent advances in the area of polypeptide hormone-receptor interactions. It emphasizes the mechanisms of hormone-induced signal transduction in regulation of cellular functions. Current literature is reviewed.

Grading System: ABCDF

2 credit hours

A biologically oriented review of spermatogenesis, ovulation, fertilization implantation and pregnancy. Includes a discussion of the safety and efficiency of current methods of contraception

Grading System: ABCDF

4 credit hours

Prerequisite: BMB 7450 and undergraduate biochemistry

The mechanisms by which protein hormones, growth factors and other ligands regulate cellular function are studied. This course emphasizes signal transduction pathways and the role of second messengers in cell regulation. The course is taught at the cellular and molecular level and the material is taken from the current scientific journals.

Grading System: ABCDF

**END8150.** Biochemistry of Steroid Hormones

Grading System: ABCDF

Prerequisite: None

**END8170. Reproductive Physiology** 

Prerequisite: None

**END8200.** Hormonal Regulation of Cellular Function

#### END8210. Neuroendocrinology

Prerequisite: None A study of how the neural system and endocrine system interact to control the major functions of the body.

Grading System: ABCDF

### END8260. Analysis of Protein-ligand Interactions

Prerequisite: BMB 745, SGS 802, SGS 803 or concurrently

A study of the principles and methods for analyzing mass action binding reactions. Grading System: ABCDF

## END9210A. Investigation of a Problem

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

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

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

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** 

credit hours

credit hours

#### 3 credit hours

### 3 credit hours

credit hours

### **OBMP7220.** Applied Pathology

Prerequisite: None

Catalog - Course Listing

#### **OBMP8001.** Topics in Oral Biology I

**OBMP8002.** Topics in Oral Biology 2

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.

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

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

Prerequisite: D.M.D., D.D.S., or equivalent; 2 yrs dental school for combined programs.

Prerequisite: D.M.D., D.D.S., or equivalent; 2 yrs. dental school for combined programs.

infection, host defense mechanisms and anti-microbial therapies are presented.

Grading System: ABCDF

Grading System: ABCDF

Grading System: ABCDF

2 credit hours

2 credit hours

2 credit hours

Grading System: ABCDF

5 credit hours

2 credit hours

Grading System: ABCDF

2 credit hours

## patient. The third block covers salivary gland function in health and disease.

### **OBMP8004.** Topics in Oral Biology 4

**OBMP8003.** Topics in Oral Biology 3

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.

**OBMP8100.** Special Topics in Oral Biology

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.

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Grading System: ABCDF

## **OBMP8540.** Advanced Oral Pathology

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**

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.

**OBMP9010.** Seminar in Oral

#### **Biology**

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

Grading System: Satisfactory/Unsatisfactory

**OBMP9020.** Graduate Oral **Biology Seminar** 

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**

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.

1 credit hours

1 credit hours

1 credit hours

# **OBMP9210.** Investigation of a Problem

**OBMP9210A.** Investigation of a

Prerequisite: None

Prerequisite: None

**Problem** 

Catalog - Course Listing

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

1 - 12 credit hours

credit hours

credit hours

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

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

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

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problem This

1 - 12 credit hours

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Catalog - Course Listing

**RAD6401.** Clinical Imaging Correlation

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 Services

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 Imaging

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

0 credit hours

0 credit hours

**RAD9250.** Applied Project in Diagnostic Imaging 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

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4 credit hours

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Catalog - Course Listing

## SGS8010. Scientific Communication and Research Ethics

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

# SGS8020. Functional Cell Biology

SGS8030. Functional Systems Biology

Prerequisite: SGS 8020

Prerequisite: Acceptance into the School of Graduate Studies Ph.D. program The first course of a two course multidisciplinary sequence which covers the structural and functional fundamentals of cellular biology. The course includes an overview of biochemistry and molecular biology necessary for advanced study, techniques for studying cells and their components, and current topics of research taken from the recent research literature. Classroom time includes lectures, seminars, discussion groups and demonstrations using traditional and alternative teaching methods.

The second course of a two course multidisciplinary core covering the structural and functional fundamentals of systems biology. The course includes physiology and pharmacology of the muscle, cardiovascular, pulmonary, renal, gastrointestinal, endocrine, and central and system nervous systems.

Grading System: ABCDF

12 credit hours

Integrated systems related to developmental biology, immunology and microbiology will also be covered. Instruction includes techniques for studying these systems as well as current topics of research taken from the recent research literature. Classroom time includes lectures, seminars, discussion groups, and demonstrations using traditional and alternative teaching methods. Grading System: ABCDF

# SGS8040. Introduction to Faculty Research

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.

SGS8050. Introduction to

**Research I** 

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

Grading System: Satisfactory/Unsatisfactory

SGS8060. Introduction to Research II

4 credit hours

#### 2 credit hours

#### 12 credit hours

2 credit hours

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

# SGS9210. Investigation of a Problem

1 - 12 credit hours

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

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Management

# HIM7020. Program/department Development

Prerequisite: None Analysis of various theories regarding planning hierarchies

HIM7050. Advanced Theory/change in Health Information

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 credit hours 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 credit hours 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 0 credit hours **Health Information Management** 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 credit hours 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** 

3 credit hours

3 credit hours

Grading System: ABCDF

# MIL6650. Medical Illustration Techniques Ia

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

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

3 credit hours

3 credit hours

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

3 credit hours

MIL6670. Electronic Media I Prerequisite: Admission to the Graduate Program

MIL6658. Tri-Dimensional Techniques

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

Prerequisite: Electronic Media I

MIL6780. Surgical Techniques

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

2 credit hours

3 credit hours

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

Prerequisite: MIL 6650, 6651, and 6780.

# 3 credit hours

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

2 credit hours

## MIL7651. Surgical Observation and Sketching II

MIL7660. Medical Illustration Techniques I I A

MIL7661. Medical Illustration Techniques II B

Prerequisite: MIL 7650

Prerequisite: MIL 6651

Prerequisite: MIL 7660

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.

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

A studio experience in which the student utilizes a variety of art media and techniques in preparing

Grading System: ABCDF

3 credit hours

Grading System: ABCDF

3 credit hours

medical illustrations that meet stated objectives. Emphasis is on application of techniques to practical

Grading System: ABCDF

3 credit hours

Grading System: ABCDF

Grading System: ABCDF

3 credit hours

2 credit hours

# MIL7671. Multimedia I I

Advanced concepts and techniques of computer animation and internet graphics, with emphasis on production of a interactive title.

MIL8020. Learning Resource Management

Prerequisite: Permission of instructor.

# assignments and on problem-solving.

assignments and on problem-solving.

# MIL7670. Multimedia I

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.

Prerequisite: MIL 7670

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

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

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** 

0 credit hours

## IMMB8110. Medical Microbiology

Prerequisite: None This course combines principles of Immunology, Medical Microbiology and Infectious Diseases.

Grading System: ABCDF

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Catalog - Course Listing

Prerequisite: None

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.

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

Grading System: ABCDF

4 credit hours

Grading System: ABCDF

4 credit hours

MTCG8540. Clinical Immunology

MTCG8640. Clinical Chemistry

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

4 credit hours

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

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.

Prerequisite: Admitted to graduate school, or permission of the instructor

### MTCG8140. Flow Cytometry

stressed.

MTCG8340. Laboratory Administration

## MTCG8440. Clinical Microbiology

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

4 credit hours

2 credit hours

**Problem** 

#### MTCG8840. Clinical Hematology

MTCG9210. Investigation of a

Prerequisite: Biochemistry, admission into graduate program, previous study of hematology, or permission of instructor

Hematology.

Grading System: ABCDF

#### 0 credit hours

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** 

in conjunction with MTCP Basic Hematology and Fluid Analysis, and MTCC4840 Advanced

4 credit hours

Grading System: ABCDF

# **MOL8010.** Research Tools in Molecular Medicine I

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

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

3 credit hours

3 credit hours

MOL8030. Biological Signaling3 ofPrerequisite: SGS 8020-8030 or consent of instructor3Strategies 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

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

# MOL9010. Advanced Seminar in Molecular Medicine

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

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

#### credit hours

credit hours

credit hours

#### MOL9300. Research

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 II

Prerequisite: Pathophysiology for Advanced Practice Nurses, NUR7390; Pharmacology for Advanced Practice Nurses, NUR7430

Grading System: ABCDF

# NSG6210. Group Dynamics

Prerequisite: None

Anesthesia

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 Nursing

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 Anesthetists

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

3 credit hours

Prerequisite: Admission to Nursing Anesthesia Program

NSG6750. Chemistry, Physics and Biochemistry in Nurse

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 Agents

Prerequisite: Admission to the Nursing Anesthesia Program

2 credit hours

2 credit hours

#### 3 credit hours

3 credit hours

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 Pharmacology

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 II

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. Grading System: ABCDF

## NSG6790. Principles of Anesthesia Practice I

NSG6800. Principles of Anesthesia Practice III

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.

Grading System: ABCDF

# 5 credit hours

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.

Grading System: ABCDF

NSG6810. Technology and Techniques of Nursing Anesthesia

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 credit hours

2 credit hours

5 credit hours

4 credit hours

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Catalog - Course Listing

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 Care

NSG6840. Nurse Anesthesia Clinical Practicum

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

# 1 - 18 credit hours

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

1 - 12 credit hours

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 anesthesida techniques specific to cardiovascular, thoracic, and neuroanesthesia and for obstetric, pediatric and critically ill populations.

Grading System: ABCDF

4 credit hours

### **NSG6880.** Family Nurse Practitioner I: Health Promotion and Problems of Adults and their Families

Prerequisite: Masters Core; co-requisite: NSG7430 Pharmacology for Advanced Practice Nursing

NSG6850. Nurse Anesthesia Specialty Practicum

# NSG6860. Nurse Anesthesia Rural Practicum

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.

Grading System: ABCDF

6 credit hours

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Catalog - Course Listing

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

**NSG6900.** Family Nurse Practitioner III: Health Promotion

Prerequisite: Masters Core; All 5 courses; NSG 6880

of Children and their Families

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.

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

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

primary health care settings. Emphasizes description of the condition or disease, etiology and incidence,

Grading System: ABCDF

6 credit hours

5 credit hours

Grading System: ABCDF

3 credit hours

# NSG6920. Management of Children with Acute and Common **Health Problems**

Prerequisite: MN Core; Health Promotion and Supervision: Birth Through Adolescence

# consultation, referral and community resources.

# NSG6910. Synthesis of concepts in Nursing Anesthesia **Practice I**

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

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Catalog - Course Listing

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

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.

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

Grading System: ABCDF

5 credit hours

5 credit hours

Grading System: ABCDF

2 credit hours

4 credit hours

2 credit hours

# perinatal/neonatal settings is incorporated via 90 hours of supervised clinical practice.

NSG6940. Assessment and Management of the Fetus/infant

### NSG6950. Synthesis of Concepts in Nursing Anesthesia **Practice II**

Prerequisite: Admission to CRNA-MN program or permission of instructor

Prerequisite: Completion/or concurrent study, of 5 Graduate Core Courses

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

# to Adolescence

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 Lifespan

# NSG6960. Health Promotion and Supervision: From Birth

# Prerequisite: None

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Catalog - Course Listing

#### Prerequisite: None

**Technologies** 

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 Practicum

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

3 credit hours

6 credit hours

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 Models

Prerequisite: Admission to the School of Graduate Studies

NSG7020. Health Informatics and Utilization of Electronic

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

## 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

2 credit hours

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Catalog - Course Listing

# NSG7050. Social and Environmental Health

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.

NSG7060. Issues in Women's Health Care

Prerequisite: None

Nursing

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

Grading System: ABCDF

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

Prerequisite: Admission to the School of Graduate Studies and course in Theory/Research

Grading System: ABCDF

# NSG7180. Mental Health Psychiatric Nursing and the Individual Client

NSG7160. Foundations of Advanced Mental Health-Psychiatric

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

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

### 3 credit hours

\_\_\_\_\_

3 credit hours

\_\_\_\_\_

3 credit hours

6 credit hours

#### NSG7330. Family Approaches in Mental Health **Psychiatric Nursing**

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

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

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

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 pharmacotherapeuctics 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

Prerequisite: NSG7390: Pathophysiology for Advanced Practice Nursing or permission of instructor

3 credit hours

3 credit hours

3 credit hours

Course focuses on increasing the knowledge base of advanced practice nurses in pharmacology and pharmacotherapeutics. Emphasis is on the pharmacotherapeuctics 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**

Prerequisite: Basic Statistics and Graduate Status

NSG7470. Advanced Health Assessment

NSG7480. Special Topics in Advanced

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.

psychomotor skills needed for comprehensive assessment of clients across the lifespan. Techniques and

Interviewing skills that enable the nurse to relate to various clients across the life span will be refined.

This course in health assessment expands the nurse's knowledge of cognitive processes and

Grading System: ABCDF

Grading System: ABCDF

2 credit hours

3 credit hours

1 - 3 credit hours

Mental Health-Psychiatric Nursing **Clinical Practice** 

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

Prerequisite: Graduate Standing; Undergraduate health assessment course

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

Prerequisite: Completion of MN Core Courses

4 credit hours

4 credit hours

processes of performing a physical, mental, developmental, and nutritional assessment, obtaining a health history, performing selected diagnostic procedures, and recording findings will be conducted.

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The major focus of this course is the development of knowledge and strategies to help families deal with pediatric and perinatal crises. Clinical practice (90 clock hours) will take place in primary, secondary and/or tertiary health care settings. Precepted clinical learning will focused on a student-selected population.

Grading System: ABCDF

#### NSG7510. Health Promotion in Parent-child Nursing

Prerequisite: Completion of MN core courses

The course will focus 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 will be emphasized. Clinical practice (90 clock hours) will take place in sites reflecting student clinical focus and course-individual practice objectives.

Grading System: ABCDF

### NSG7520. Advanced Practice in Parent-child Nursing

Prerequisite: Completion of MN Core Courses and NSG7500 Health Crises in Parent-Child Nursing (First PCN course

The purpose of this course is to provide a concentrated clinical experience (225 clock hours) during which the student sharpens 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

4 credit hours

Prerequisite: NSG7500 Health Crises in Parent-Child Nursing

NSG7580. Community Assessment and Program Planning

Prerequisite: Admission to School of Graduate Studies

NSG7530. Health Concerns in Parent-Child Nursing

The major focus of this course will be the APN role in assisting families to achieve normalization while dealing with common health concerns. Clinical practice (90 clock hours) will take place in the home, ambulatory/acute /long-term care facilities and/or appropriate community agencies. Precepted clinical learning will be focused on student-selected population.

Grading System: ABCDF

# 5 credit hours

Grading System: ABCDF

## **NSG7650. Health Care Policy**

planning based on findings of assessment.

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

4 credit hours

6 credit hours

This course focuses on the assessment of communities and/or aggregates with subsequent program

# NSG7660. Administrative/organizational Theories

NSG7680. Nursing Administration Practicum 1

developing skills for functioning in these roles.

NSG7690. Nursing Administration Practicum 2

Prerequisite: All masters core courses and Practicum I

Prerequisite: Core Courses, Finance, or taken concurrently with Finance

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.

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

Grading System: ABCDF

3 credit hours

6 credit hours

Grading System: ABCDF

8 credit hours

Grading System: ABCDF

2 credit hours

in health care agencies.

health care services will be studied and strategies for improving health care will be planned.

The purpose of this practicum is to enable the student to develop competencies as nursing administrators

Grading System: ABCDF

Grading System: ABCDF

2 credit hours

# 4 credit hours

# NSG7710. Culture and Health 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

NSG7730. Epidemiology and Biostatistics

Prerequisite: Admission to the School of Graduate Studies

NSG7830. Foundations of Advanced Nursing Practice

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

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

5 credit hours

Grading System: ABCDF

5 credit hours

5 credit hours

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Grading System: ABCDF

#### 6 credit hours

# NSG7860A. Leadership in Community-Based Settings

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.

# NSG7870. Practice in Community Health Nursing

Prerequisite: Admission to Graduate School

financial planning and analysis are developed.

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

Concepts related to the economics and financial management of the American health care system are

3 credit hours

Grading System: ABCDF

4 credit hours

#### NSG7920. Complex Health Problems of Adults Prorequisite: Masters Core, NSC7420: Dharmacology and Ed

NSG7910. Financial Management of Health Care Institutions

Prerequisite: Masters Core, NSG7430: Pharmacology and Foundations of Advanced Nursing Practice may be taken concurrently.

introduced. The knowledge and skills prerequisite to effective participation in health institutions

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.

NSG7930. Adult Nursing Clinical Nurse Specialist Residency

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

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

## NSG7950. Advanced Acute Care in Adult Health

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.

Grading System: ABCDF

3 credit hours

Prerequisite: NSG 7920, NSG 7830, ACLS Certification

NSG7960. Advanced Critical Care in Adult Health

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

3 credit hours

Grading System: ABCDF

# NSG7970. Laboratory and Diagnostic Tests in Advanced **Practice**

#### 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

#### 4 credit hours

#### Nursing Prerequisite: Admission to the doctoral program or consent of the instructor

NSG8000. Philosophical and Theoretical Foundations of

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

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

# 3 credit hours

# NSG8110. Theory Development and Research Design

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.

# NSG8200. Qualitative Design and Analysis

Prerequisite: NSG8000: Philosophical and Theoretical Foundations of Nursing

3 credit hours

3 credit hours

Grading System: ABCDF

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

## 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.

NSG8211. Quantitative Research Designs and Methods of Analysis II

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

0 credit hours

# Prerequisite: Completion of the first comprehensive exam

NSG8300. Practicum in Nursing Research

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

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

4 credit hours

3 credit hours

# NSG8460. Cross-cultural Health Beliefs and Practices

NSG8480. Health Promotion Across the Lifespan

community as partner will be selectively analyzed.

Prerequisite: Admission to the Doctoral Program or Consent of the Instructor

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.

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

promotion will be examined as studies relate to nursing interventions with healthy populations. Selected

health promotion in individuals and groups throughout the lifespan. Research related to health

theories of health promotion with attention to behavioral variables, personal attributes as well as

Grading System: ABCDF

3 credit hours

3 credit hours

Prerequisite: Admission to the Doctoral Program in Nursing

NSG8600. Health Care Systems, Policies and Priorities

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

Grading System: ABCDF

3 credit hours

3 credit hours

# NSG8690. Feminist Inquiry in Nursing

Prerequisite: Admission to Doctoral program

NSG8710. Human Development and Aging

Prerequisite: Admission to the Doctoral Program in Nursing

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

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/hypo theses 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

NSG8830. Family Development and Health

Prerequisite: Admission to the Doctoral Program

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

3 credit hours

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

Grading System: ABCDF

0 credit hours

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.

The purpose of this course is to provide the student with knowledge about theoretical and

NSG9100. Independent Study

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.

# NSG9100A. Independent Study

Prerequisite: Completion of at least one course in graduate program in nursing.

NSG9010. Seminar in Nursing

addressing family models and family oriented research.

Grading System: ABCDF

0 credit hours

Grading System: ABCDF

0 credit hours

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.

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

Grading System: ABCDF

0 credit hours

Grading System: ABCDF

Grading System: ABCDF

0 credit hours

0 credit hours

Prerequisite: Completion of at least one core course in doctoral program in nursing.

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.

**NSG9210.** Investigative Project

**NSG9100E.** Independent Study

course work is not available.

NSG9200. Independent Study

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

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

# **NSG9300.** Research-Thesis

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

0 credit hours

**OTH8000. Occupational Therapy Seminar** 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 Occupation 3 credit hours 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 3 credit hours **Occupational** 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 3 credit hours **OTH8030.** Program Development and Evaluation 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 0 credit hours **OTH8100.** Independent Study 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** 0 credit hours Therapy 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

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0 credit hours

Catalog - Course Listing

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Prerequisite: Admission to the program

Individual investigation into new and/or specialized treatment approaches or techniques. Includes practical experiences

Grading System: ABCDF

0 credit hours **OTH8130.** Special Studies in Health Care 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

3 credit hours

0 credit hours

0 credit hours

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

Prerequisite: Admission to the program

**OTH8200.** Management of Fieldwork Education

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**

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

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

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## **OBG7220.** Applied Pathology

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

2 credit hours

**OBG8001.** Topics in Oral Biology I

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

2 credit hours

**OBG8002.** Topics in Oral Biology II

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

2 credit hours

# **OBG8003.** Topics in Oral Biology III

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

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**

2 credit hours

3 credit hours

Prerequisite: None

Prerequisite: None

Prerequisite: None

each presenter.

**Problem** 

### **OBG8540.** Advanced Oral Pathology

Prerequisite: DDS, DMD or equivalent

**OBG8640.** Research Methodology

research proposal are presented.

**OBG9010.** Seminar in Oral Biology

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.

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

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

Grading System: ABCDF

2 credit hours

2 credit hours

Grading System: ABCDF

1 credit hours

Grading System: ABCDF

0 credit hours

Prerequisite: None

**OBG9210.** Investigation of a

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

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### Grading System: ABCDF

2 credit hours PHM8010. Molecular Pharmacology 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 credit hours Prerequisite: PHM 8100 Selected topics related to the action of chemical agents on the nervous system. Grading System: ABCDF PHM8040. Advanced Pharmacological Sciences 2 credit hours 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 credit hours Prerequisite: PHM 8100 Evaluation of the actions of drugs on the heart and blood vessels. Grading System: ABCDF PHM8100. Survey of Pharmacological Sciences I 7 credit hours 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 credit hours Prerequisite: PHM 8100 Lectures and paper discussion on the pharmacology of the most important piogenic peptides which act on blood vessels. Grading System: ABCDF PHM9010. Seminar in Pharmacology 1 credit hours Prerequisite: none Research presentations by MCG faculty and visiting research scientists. Grading System: ABCDF PHM9020. Seminar in Pharmacology 1 credit hours

Catalog - Course Listing

### Prerequisite: none

Research presentations by MCG faculty and visiting research scientists.

Grading System: Satisfactory/Unsatisfactory

# PHM9210A. Investigation of a Problem

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

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

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

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

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credit hours

credit hours

credit hours

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Catalog - Course Listing

### **GPT8201.** Advanced Analysis of Musculoskeletal Function

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.

### **GPT8202.** Advanced Analysis of Temporomandibular Joint Functions

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

### GPT8203. Advanced Analysis of Cervical Spine **Function**

### 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

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

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

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 credit hours

Grading System: ABCDF

Grading System: ABCDF

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Catalog - Course Listing

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

Grading System: ABCDF

3 credit hours

GPT8208. Advanced Analysis of Wrist and Hand Function Proroquisite: Permission of Instructor	0 credit hours
Prerequisite: Permission of Instructor The study of the major concepts, skills and techniques involved in analyzing wrist and har In-depth study of selected anatomical structures and related biomechanical and kinesiolog Grading Sy	
<b>GPT8209. Advanced Analysis of Hip Function</b> Prerequisite: Permission of Instructor	0 credit hours
The study of the major concepts, skills and techniques involved in analyzing hip function. study of selected anatomical structures and related biomechanical and kinesiological conc	-
<b>GPT8210. Advanced Analysis of Knee Function</b> Prerequisite: Permission of Instructor The study of the major concepts, skills and techniques involved in analyzing knee function study of selected anatomical structures and related biomechanical and kinesiological conc Grading Sy	-
<b>GPT8211. Advanced Analysis of Foot and Ankle</b> <b>Function</b> Prerequisite: Permission of Instructor	0 credit hours
The study of the major concepts, skills and techniques involved in analyzing foot and ank In-depth study of selected anatomical structures an related biomechanical and kinesiologic	
<b>GPT8300. Clinical Research Techniques</b> Prerequisite: EDU 702 or equivalent A practical approach to research techniques required to perform clinical research including application and analysis of specific research designs	2 credit hours g formulation,

GPT8401. Designing Clinical Education Experiences

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.

<b>GPT8402. Curriculum Design in Physical Therapy</b> Prerequisite: EDU 7000	3 credit hours		
A review of curriculum designs in physical therapy education with special emp competency-based education Relation of theories of curriculum design to phys therapist assistant education.	-		
	Grading System: ABCDF		
<b>GPT8500. Special Studies in Patient Management</b> Prerequisite: Permission of instructor	0 credit hours		
Individual investigation into new or specialized patient management processes	estigation into new or specialized patient management processes related to any area of		
specialization.	Grading System: ABCDF		
<b>GPT8910. Design of Graduate Program</b> Prerequisite: Admission into the MHE or MS program in Physical Therapy	1 credit hours		
In this course you will design your course of graduate study. By the end of the specific plan of study that has been approved by your committee.	course you will have a		
	Grading System: ABCDF		
<b>GPT9100. Independent Study</b> Prerequisite: Permission of Instructor	0 credit hours		
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		
<b>GPT9110. Advanced Therapeutic Processes 1</b> Prerequisite: Permission of Instructor	3 credit hours		
Each student selects an area of specialization in physical therapy practice from	musculoskeletal Grading System: ABCDF		
<b>GPT9120.</b> Advanced Therapeutic Processes 2 Prerequisite: Permission of Instructor	3 credit hours		
Each student selects an area of specialization in physical therapy practice from			
	Grading System: ABCDF		
GPT9210. Investigation of a Problem Prerequisite: Permission of instructor	0 credit hours		

Prerequisite: Permission of instructor

Investigation of a special problem related to physical therapy clinical practice, management, education or professional practice.

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### Catalog - Course Listing

### **MPT6010.** Introduction To Physical Therapy

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Introduction to health care and health care systems designed to provide a frame of reference for physical therapy students. Ethics, legal aspects of health care, professionalism, illness - wellness concepts, communication and basic handling skills are included.

Grading System: ABCDF

# MPT6010X. Introduction To Physical Therapy

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Introduction to health care and health care systems designed to provide a frame of reference for physical therapy students. Ethics, legal aspects of health care, professionalism, illness - wellness concepts, communication and basic handling skills are included.

MPT6020. Applied Anatomy

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

### MPT6020X. Applied Anatomy

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

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

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

# MPT6050. Human Physiology in Physical Therapy

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Physiology of key systems is reviewed for application to physical therapy. Exercise physiology, motor control, infection, inflammation, defense mechanisms, tissue healing and physiology of pain are used to demonstrate the way in which individual systems integrate to produce adaptive human behavior.

Grading System: ABCDF

2 credit hours

2 credit hours

2 credit hours

Grading System: ABCDF

2 credit hours

3 credit hours

3 credit hours

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Catalog - Course Listing

MPT6100. Lifespan

### MPT6050X. Human Physiology in Physical Therapy

### Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Physiology of key systems is reviewed for application to physical therapy. Exercise physiology, motor control, infection, inflammation, defense mechanisms, tissue healing and physiology of pain are used to demonstrate the way in which individual systems integrate to produce adaptive human behavior. Grading System: ABCDF

2 credit hours

2 credit hours

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Study of human lifespan development from conception to death with emphasis on children under five years and adults over 55 years. Grading System: ABCDF

# MPT6100X. Lifespan

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Study of human lifespan development from conception to death with emphasis on children under five years and adults over 55 years.

Grading System: ABCDF

2 credit hours MPT6140. Communication I Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Students are introduced to verbal, non-verbal and written communications used with clients, colleagues,

and public. Skills are practiced prior to going to clinical setting

MPT6140X. Communication I Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Students are introduced to verbal, non-verbal and written communications used with clients, colleagues, and public. Skills are practiced prior to going to clinical setting

Grading System: ABCDF

# MPT6200. Legal and Ethical Issues of Physical Therapy

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Study of differences between legal and ethical issues

# MPT6200X. Legal and Ethical Issues of Physical Therapy

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Study of differences between legal and ethical issues

# MPT6310. Orthopedic Physical Therapy I

Grading System: ABCDF

2 credit hours

Grading System: ABCDF

2 credit hours

2 credit hours

Grading System: ABCDF

3 credit hours

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

Grading System: ABCDF

### MPT6310X. Orthopedic Physical Therapy I

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Study of etiology, signs and symptoms of simple orthopedic problems

### MPT6410. Medical and Surgical Physical Therapy I

MPT6410X. Medical and Surgical Physical Therapy I

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Students will learn the etiology, signs, symptoms, gross medical management and physical therapy management of selected medical and surgical problems, including the problems (system by system) associated with prolonged bed rest or immobilization. Emphasis will be placed on cardiac, pulmonary (excluding pulmonary rehabilitation), wounds, endocrine, infectious and inflammatory diseases, acute care issues. Case study simulations will focus on the physical therapy management of selected high incidence disease and problems.

Grading System: ABCDF

5 credit hours

Grading System: ABCDF

1 credit hours

### 5 creant nours

### 1 credit hours

# management of selected medical and surgical problems, including the problems (system by system) associated with prolonged bed rest or immobilization. Emphasis will be placed on cardiac, pulmona

associated with prolonged bed rest or immobilization. Emphasis will be placed on cardiac, pulmonary (excluding pulmonary rehabilitation), wounds, endocrine, infectious and inflammatory diseases, acute care issues. Case study simulations will focus on the physical therapy management of selected high incidence disease and problems.

Students will learn the etiology, signs, symptoms, gross medical management and physical therapy

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

## MPT7010. Seminar in Physical Therapy I

Prerequisite: Admission to 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

### MPT7010X. Seminar in Physical Therapy 1

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. A graduate student colloquium to provide an opportunity for the discussion of current professional literature and issues in physical therapy.

3 credit hours

# MPT7020. Seminar in Physical Therapy II

MPT7020X. Seminar in Physical Therapy 2

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Graduate student colloquium to provide opportunity for discussion of current professional literature and issues in physical therapy. This will also be an opportunity to further develop the student's identification as a health professional.

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Grading System: ABCDF

1 credit hours

1 credit hours

Grading System: ABCDF

1 credit hours

1 credit hours

Grading System: Satisfactory/Unsatisfactory

### MPT7030X. Seminar in **Physical Therapy 3**

issues in physical therapy.

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Graduate student colloquium to provide opportunity for discussion of current professional literature and issues in physical therapy.

Grading System: Satisfactory/Unsatisfactory

### MPT7040. Seminar in **Physical Therapy IV**

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Graduate student colloquium to provide opportunity to learn about the institutional review process for research and to explore current issues in physical therapy.

Grading System: Satisfactory/Unsatisfactory

### **MPT7040X.** Seminar in **Physical Therapy 4**

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Graduate student colloquium to provide opportunity for discussion of current professional literature and issues in physical therapy.

Grading System: Satisfactory/Unsatisfactory

### Grading System: Satisfactory/Unsatisfactory

# MPT7030. Seminar in **Physical Therapy III**

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Graduate student colloquium to provide opportunity to identify an area of research that will be pursued in the research portion of the curriculum.

1 credit hours

1 credit hours

Graduate student colloquium to provide opportunity for discussion of current professional literature and

### MPT7050. Seminar in **Physical Therapy V**

**MPT7050X.** Seminar in

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

**Physical Therapy 5** Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Graduate student colloquium to provide opportunity for discussion of current professional literature and issues in physical therapy.

Grading System: Satisfactory/Unsatisfactory

# **MPT7100.** Teaching and Learning

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Students will be introduced to setting educational goals and objectives, teaching strategies, learning theories, outcome evaluations, and feedback. Small groups will plan, present, and evaluate educational experiences.

Grading System: ABCDF

# MPT7100X. Teaching and Learning

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Students will be introduced to setting educational goals and objectives, teaching strategies, learning theories, outcome evaluations, and feedback. Small groups will plan, present, and evaluate educational experiences.

Grading System: ABCDF

15 credit hours

Prerequisite: Admission to the MPT program

MPT7111. Physical Therapy Practice I

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

15 credit hours

Prerequisite: Admission to the MPT program

**MPT7111X.** Physical Therapy Practice 1

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

### 1 credit hours

### 2 credit hours

1 credit hours

## MPT7112. Physical Therapy Practice II

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

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 III

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.

MPT7113X. Physical Therapy Practice 3

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

1 credit hours

Additionally, skills required for clinical services are addressed.

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

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.

**MPT7140.** Communications 2

Grading System: ABCDF

# 5 credit hours

Grading System: ABCDF

6 credit hours

1 credit hours

14 credit hours

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

2 credit hours

**MPT7210. Electrotherapeutics** 

**MPT7210X.** Electrotherapeutics

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: ABCDF

2 credit hours

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 t

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: ABCDF

7 credit hours

Grading System: ABCDF

3 credit hours

# MPT7211. Foundations of Physical therapy

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.

MPT7260. Professional Roles and Responsibilities

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Explores meaning of being a professional and looks at roles of health care professionals in wellness, disease/disability prevention, patient care, professional activities, and community activities. Emphasis is on profession of physical therapy.

Grading System: ABCDF

# MPT7260X. Professional Roles and Responsibilities

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Explores meaning of being a professional and looks at roles of health care professionals in wellness, disease/disability prevention, patient care, professional activities, and community activities. Emphasis is on profession of physical therapy.

Grading System: ABCDF

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### Catalog - Course Listing

MPT7310. Orthopedic Physical Therapy II

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Study of the etiology, signs, symptoms, and medical management of complex orthopedic problems Grading System: ABCDF

### MPT7310X. Orthopedic Physical Therapy II

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Study of the etiology, signs, symptoms, and medical management of complex orthopedic problems Grading System: ABCDF

# **MPT7311.** Integration of Practice: Cardiopulmonary

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 I

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

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

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

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

# 6 credit hours

5 credit hours

5 credit hours

3 credit hours

6 credit hours

6 credit hours

regions.

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

### MPT7410X. Medical and Surgical Physical Therapy II

MPT7412. Integration for Practice: Musculoskeletal II

Prerequisite: Successful completion of all previous courses in curriculum

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

The study of pathological, medical and therapeutic concepts relevant to specific joints, soft tissue and

2 credit hours

5 credit hours

6 credit hours

Grading System: ABCDF

### MPT7460. Management of Physical Therapy Services I

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.

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

Grading System: ABCDF

### MPT7460X. Management of Physical Therapy Services I

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.

# **MPT7600.** Neuroscience in Physical Therapists

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Study of human motor control

### **MPT7600X.** Neuroscience in Physical Therapists

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Study of human motor control

Grading System: ABCDF

1 credit hours

Grading System: ABCDF

Grading System: ABCDF

2 credit hours

MPT7610. Neurological Physical Therapy I

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

# MPT7610X. Neurological Physical Therapy I

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

# MPT7620. Pediatric Physical Therapy

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Study of etiology, signs, symptoms and medical management of selected pediatric problems, techniques used in the physical therapy evaluation and management of these problems and the prevention of potential related problems.

# MPT7620X. Pediatric Physical Therapy

Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Study of etiology, signs, symptoms and medical management of selected pediatric problems, techniques used in the physical therapy evaluation and management of these problems and the prevention of potential related problems.

Grading System: ABCDF

Grading System: ABCDF

3 credit hours

MPT7630. Neurological Physical Therapy 2 Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

Study of the etiology, signs, symptoms and medical management of spinal cord injuries

Grading System: ABCDF

# 3 credit hours

3 credit hours

MPT7630X. Neurological Physical Therapy 2 Prerequisite: Completion of all previous MPT coursework or permission of the instructor. Study of the etiology, signs, symptoms and medical management of spinal cord injuries

Grading System: ABCDF

### **MPT7700.** Clinical **Experience I**

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

3 credit hours

2 credit hours

4 credit hours

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

8 credit hours

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

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

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

### MPT8111X. Physical Therapy Practice 4

Prerequisite: Successful completion of all previous courses in curriculum

# MPT7700X. Clinical Experience I

MPT7710. Clinical

**Experience II** 

Catalog - Course Listing

8 credit hours

6 credit hours

6 credit hours

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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 V

Catalog - Course Listing

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

7 credit hours

7 credit hours

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 VI

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

10 credit hours

10 credit hours

Prerequisite: Successful completion of all previous courses in curriculum relevant to pediatric problems and physical

Grading System: ABCDF

### MPT8312. Physical Therapy Practice 5

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.

MPT8112X. Physical Therapy Practice 5

MPT8113X. Physical Therapy Practice 6

The study of normal growth and development along with pathological, medical and therapeutic concepts

# **MPT8313. Integration for Practice: Medical Conditions II**

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**

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

### 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

**MPT8315.** Integration for Practice: Management

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

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

# MPT8460X. Management of Physical Therapy Services 2

Prerequisite: Completion of all previous MPT coursework or permission of the instructor..

# 6 credit hours

7 credit hours

4 credit hours

4 credit hours

6 credit hours

Grading System: ABCDF

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

Grading System: ABCDF

2 credit hours

2 credit hours

Grading System: ABCDF

2 credit hours

Grading System: ABCDF

0 credit hours

12 credit hours

12 credit hours

# **MPT8500.** Complex Patient Problems

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.

**MPT8500X.** Complex Patient Problems

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.

MPT8600. Elective

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.

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.

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

### **MPT8700X.** Clinical **Experience 3**

Prerequisite: Completion of all previous MPT coursework or permission of the instructor.

# **MPT8600X. Elective**

Grading System: ABCDF

**MPT8700.** Clinical **Experience 3** 

1 time aliniaal martin

Catalog - Course Listing

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

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

3 credit hours

3 credit hours

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.

report to faculty and peers, and develop written presentation of findings in appropriate research journal article format.

Grading System: Satisfactory/Unsatisfactory

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Catalog - Course Listing

PAD8023. Geriatrics

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

3 credit hours

3 credit hours

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

3 credit hours

3 credit hours

Prerequisite: Admissions to M.S. program

PAD8024. Health Promotion and Disease Prevention

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

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

> > 3 credit hours

in the evaluation and management of those problems. The student becomes more aware of the

Grading System: ABCDF

PAD8048. Psychosocial Issues in Medicine

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.

### PAD8022. Concepts in Health Care Delivery

PAD8028. Rural Health/independent Study Clinical

Prerequisite: BS, PA graduate of an accredited program

Supervised exposure to a population of patients with undifferentiated health problems and participation uniqueness of rural health care practice.

Π

### PAD8520. Emergency Medicine Physician Assistant Core Ι

### 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, otolaryngolic 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 3 credit hours 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

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

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

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3 credit hours

3 credit hours

Grading System: ABCDF

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Catalog - Course Listing	
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### PHY7010. Survey of Physiology 1

PHY7030. Survey of Neurophysiology

Prerequisite: None A one semester course presenting an intensive treatment of mammalian organ physiology including the cell, electrophysiology, peripheral nerve and reflexes, muscle, cardiovascular, respiration, body fluids, kidney, gastrointestinal and endocrine.

Grading System: ABCDF

Prerequisite: PHY 7010	
Peripheral and central nervous system physiology, including sensory, motor, systems, with an introduction to clinical disorders of nervous system function be taken concurrently with Cell Biology and Anatomy (CBA) 7030.	0
	Grading System: ABCDF
PHY8010. Research Designs in Applied Physiology and Health	2 credit hours
Prerequisite: none Introduction to research designs and methodologies used in AP/HP, including	g epidemiologic, laboratory
and intervention studies.	Grading System: ABCDF
PHY8020. Cardiodynamics Prerequisite: PHY7010	2 credit hours
Physiology of the heart including structure, development, action as muscle an action.	d dynamics of its pumping
	Grading System: ABCDF
PHY8030. Circulatory Physiology Prerequisite: PHY7010	2 credit hours
A study of water and solute movement across the pulmonary endothelium.	Grading System: ABCDF
<b>PHY8040.</b> Physiology of Contraction of Striated Muscle Prerequisite: Survey of Physiology (PHY 7010) and Survey of Neurophysiol Excitation-contraction coupling, mechanics and biochemistry of the cross-bri	
cardiac muscle.	

### PHY8050. Blood Flow Regulation

Prerequisite: PHY 7010

A study of the determinants affecting cardiac output and peripheral blood flow, with consideration of techniques for measuring flow.

3 credit hours

Grading System: ABCDF

### PHY8060. Respiration

Prerequisite: PHY 7010 A study of the mechanics and control of respiration including consideration of experimental measurement.

PHY8070. Body Fluid Regulation

Prerequisite: PHY 7010

A study of current concepts of regulation of body fluid volume and composition. Laboratory experiences in measurement of renal function and body fluid volumes provide data to be interpreted in the light of current and classical literature.

### PHY8080. Applied Physiology

Prerequisite: PHY 7010

Physiologic response to acute and chronic exercise. Effect of regular exercise on fitness and health. Interactions of exercise and nutrition.

PHY8110. The Role of Stress in Health

Analysis of strategies for management of stress.

PHY8130. Membrane Transport and Bioelectric Activity

Prerequisite: PHY 7010, 7030 and/or permission of the instructor

Theoretical basis of the membrane transport of charged and uncharged particles

Grading System: ABCDF

2 credit hours

Grading System: ABCDF

### PHY8160. Motor Systems

Prerequisite: PHY 7010, 7030, and/or permission of the instructor Detailed consideration of neurophysiological mechanisms that underlie spinal cord, cerebral, basal ganglia, and cerebellar contributions to control of movement. Current literature is reviewed.

Grading System: ABCDF

### PHY8100. Body Composition

Prerequisite: None

Prerequisite: none

Causes and consequences of variation in body composition. Interactions of diet and energy expenditure. Implications for health problems such as cardiovascular disease, diabetes and osteoporosis.

How various types of social, psychological and physiological stressors influence health and well-being.

Grading System: ABCDF

2 credit hours

2 credit hours

Grading System: ABCDF

Grading System: ABCDF

2 credit hours

2 credit hours

2 credit hours

# PHY8210. Sensory Systems

Prerequisite: PHY 7010, 7030

A guided survey of the basic principles of functional organization of the somatic and special sensory systems. Emphasis on processing of sensory information, neuronal plasticity and the role of cerebral cortex in sensory perception.

Prerequisite: PHY 7010, 7030 A literature survey of the history of the development of our concepts of thyroid hormones and their biological actions. This includes iodide - iodine metabolism and thyroid hormone synthesis, secretion, transport, mechanisms of action and physiologic actions.

Grading System: ABCDF

1 credit hours

Research presentations by MCG faculty and visiting research scientists. Grading System: Satisfactory/Unsatisfactory

# PHY9210A. Investigation of a Problem

Prerequisite: None

Prerequisite: Admission to a graduate program

PHY9020. Seminar in Physiology and Endocrinology

PHY8240. Physiology of Thyroid Hormone

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

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

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

# Grading System: ABCDF

Grading System: ABCDF

2 credit hours

2 credit hours

\_\_\_\_\_

credit hours

credit hours

### PHY9300B. Research

credit hours

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

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### **RTH7500.** Research Techniques in Respiratory Care

Catalog - Course Listing

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

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

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

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

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

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3 credit hours

3 credit hours

3 credit hours

3 credit hours

### Medical College of Georgia



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# Dr. Matthew J. Kluger Dr. Gretchen B. Caughman

- Administrative
- Joint Rank
- Emeritus

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**Medical College of Georgia** 

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu.</u> 01/29/01

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# Medical College of Georgia School of Medicine

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Please email comments, suggestions or questions to: Kenda Rindt, <u>krindt@mail.mcg.edu</u>.

January 24, 2001

### Medical College of Georgia



Associate Dean for Admissions and Student Affairs Office Personnel:

**Dr. Mason Thompson** Associate Dean for Admissions and Student Affairs

**Ms. LeAnne Sumner** Director of Admissions

Mary Williams Supervisor, Student Admissions

**Dorothy Knight** Administrative Secretary

### **Bonnie Hutcheson**

Administrative Secretary

**Esther Holland** Administrative

Coordinator

**Stephanie Crawford** Executive Secretary

### **Debra Morgan**

Director of the Generalist Physician Initiative Outreach Program

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The new 220,000-square-foot hospital opened its doors December 8, 1998. The center has its own emergency room, operating rooms, admissions process, laboratories, radiology suite and parking.

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#### **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@mail.mcg.edu

For additional information regarding the Medical College of Georgia and the Augusta community, visit websites <u>www.mcg.edu/careers</u> and <u>www.mcg.edu</u>

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 2000-2001. 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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January 18, 2001



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**General Information** 



# The Medical College of Georgia

Founded in 1828, the Medical College of Georgia is the 11th oldest continuously operating medical education institution in the United States and is the third-oldest medical school in the Southeast. The Medical College of Georgia is one of 34 institutions in the University System of Georgia and is the health sciences university of the state of Georgia. MCG has more than 2,200 students in five

schools: Medicine, Allied Health Sciences, Dentistry, Graduate Studies and Nursing. The student body is composed of individuals from most of Georgia's 159 counties. Students from other states and foreign countries comprise approximately 2 percent of MCG's student body.

The physical plant at the Medical College of Georgia includes modern classrooms and laboratories, a 540-bed teaching hospital, extensive outpatient clinics, residence halls, a student center, ample parking and an outstanding medical education library. The library contains more than 185,000 books and bound journals and some 1,301 periodicals. A Specialized Care Center/Ambulatory Care Center, a major addition to the Medical College of Georgia Hospital and Clinics, opened in 1993. A free-standing Children's Medical Center opened in 1998. The new 220,000-square-foot hospital has replaced pre-existing inpatient pediatric facilities. Construction of a 42,000 square foot fitness facility open to students and faculty will begin in 2000.

With faculty and staff numbering more than 4,000, the Medical College of Georgia is the largest employer in the Augusta area. There are approximately 800 faculty members at the Medical College of Georgia. The School of Medicine has approximately 530 faculty.

#### **Institutional Mission**

As a unit of the University System of Georgia, the Medical College of Georgia is committed to cultural, ethnic, racial and gender diversity in the faculty, staff and student body, supported by practices and programs that embody the ideas of an open, democratic and global society.

As an academic health center and research university, the Medical College of Georgia is committed to a shared responsibility for meeting the health care needs of a widely dispersed and highly diverse population.

#### **Campus Community**

The Augusta metropolitan area, with a population of more than 400,000, is the second-largest metropolitan area in Georgia. The city is a regional center for industry, banking, shopping, entertainment and the arts and offers a stimulating cultural, educational and recreational environment. Augusta is a center for sailing, hunting, fishing, tennis, boating and golf and



is the home of the internationally famous Masters Golf Tournament. Cultural life in Augusta includes a professional civic symphony, an opera company and a national honor ballet company. Augusta is located conveniently between the Atlantic Ocean and the Appalachian Mountains. Atlanta is a two-and-a-half-hour drive from Augusta.

> School of Medicine Admissions Bulletin School of Medicine | Medical College of Georgia

> Please email comments, suggestions or questions to: <u>stdadmin@mail.mcg.edu</u> May 29, 2000



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# School of Medicine Admissions Bulletin 2000-2001

# 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. One important goal of the



School of Medicine is developing and implementing the Medical College of Georgia's Generalist Physician Initiative designed to help meet the health care needs of the state of Georgia. 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 (Phase I), students study human anatomy, histology and development, biochemistry and genetics, neuroscience, physiology, psychiatry, and fundamentals of health care. Contact with patients begins in the first year in the fundamentals of health care courses. In addition to the "core curriculum", time is available during spring semester for clinical or basic science electives.

The second year (Phase II) emphasizes the pathophysiologic basis of clinical medicine with courses in pathology, pharmacology, clinical microbiology, reproductive endocrinology, physical diagnosis, foundations of clinical medicine and principles of patient care.

The third year consists of 11 months of required clerkships. Each student takes six months of generalist clerkships, consisting of 12 weeks of internal medicine, six weeks of pediatrics and six weeks of family medicine. In addition, all students participate in a six-week obstetrics/gynecology clerkship, an eight-week surgery clerkship, a six-week psychiatry clerkship and a four-week neuroscience clerkship. Close affiliation agreements have been worked out with major community hospitals in Georgia. Part of the clinical core curriculum may be taken at these hospitals.

All students must complete three electives in their senior year which include an acting internship in medicine, family medicine or pediatrics, an emergency medicine rotation and a critical care rotation.

The remainder of the fourth year consists of <u>elective courses</u> which can be taken in the various clinical departments, including medicine, surgery, obstetrics and gynecology, psychiatry, neurology, pediatrics, dermatology, radiology, anesthesiology, ophthalmology and family medicine, as well as research electives in basic sciences. 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 <u>http://www.mcg.edu/catalog</u>

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Please email comments, suggestions or questions to: <u>stdadmin@mail.mcg.edu</u> May 29, 2000



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# **Admissions Information**

#### Affirmative Action/Equal Opportunity Educational Institution

The Medical College of Georgia is an Affirmative Action/Equal Opportunity Educational Institution. No person shall, on the grounds of race, color, creed, sex, national origin or handicap, be excluded from participation in, or be otherwise subjected to discrimination in any educational program, activity or facility.

#### General Admissions Information Competition For Admission

Admission is on a competitive basis. There were 808 applications from residents of Georgia and 594 applications from non-residents for admission to the August 2000 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, 2000, and November 1, 2000. The deadline for applying for admission to the August 2001 class is November 1, 2000. 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, 2000.

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) must be in the student file by February 1, 2001. These items include all residency data, reference forms, required course listings and other specifically requested data.

AMCAS applications for admission to the August 2001 class are available through many pre-medical advisors' offices or may be obtained by writing directly to: American Medical College Application Service, Association of American Medical Colleges, Section for Student Services, 2501 M Street, NW, Lbby-26, Washington, DC 20037-1300. You can download AMCAS-E for Windows® from www.aamc.org. To quickly submit a request for an application, e-mail amcas@aamc.org with your mailing address. In the subject line, enter "amcas-win" for the Windows® version of AMCAS-E, or "amcas-paper" for a paper application.

#### **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.

#### **Early Decision Program**

The Medical College of Georgia School of Medicine will participate in the Early Decision Program for the 2001 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, 2000, and August 1, 2000. 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, 2000. For the 2000 entering class, there were 129 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: James R. Goldenring, M.D., Ph.D.; Director, M.D./Ph.D. Program, Medical College of Georgia, Augusta, GA 30912, 706-721-6306.

#### **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.

Application forms and additional information may be obtained from the Office of the Associate Dean for Admissions, 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), diphtheria and tetanus, varicella (chickenpox - if you had the disease you must provide a positive titer), Hepatitis B and titer, and have had a tuberculin test (PPD) within three months prior to first enrollment at MCG. Failure to do so shall be grounds for not allowing the entering student to register as an MCG student. 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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# **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.



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 2000. The test is given twice yearly at most senior colleges. The deadline for registering to take the Summer 2000 MCAT is July 14, 2000, and the testing date is August 19, 2000. All applicants must have taken the MCAT no earlier than April 1998 and no later than

August 2000. 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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# **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, 2000 are as follows:

First year	\$34,618
Second year	\$35,503
Third year	\$36,507

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.

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# **Minority 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, (AA-153), Medical College of Georgia, Augusta, GA 30912-1900; 706-721-2522/Fax 706-721-8203, e-mail: rnoble@mail.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@mail.mcg.edu

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# **Financial Information**

## **Estimated Academic Expenses**

Estimated Annual Student Expenses per Academic Year

	First Year	Second Year	Third Year	Fourth Year
Matriculation fee	\$6,252	\$9,378	\$9,378	\$6,252
Student health fee	210	315	315	210
Student activities fee	76	114	114	76
Technology fee	150	225	225	150
Books and supplies	1,129	794	760	401
Uniforms	53	53	53	53
Instruments	782	54	65	64
Microscope	60*			
Board fees		385	385	
Graduation fee				55
Rotation travel	50		250	250
Note-taking service	225	200		
Hepatitis injection	90			
Disability insurance	137	137	137	137
Totals	\$9,214	\$11,655	\$11,682	\$7,648

\*Cost estimate based on microscope rental plan offered by the School of Medicine.

NOTE: Matriculation fee is \$3,126 per semester. Non-resident tuition, in addition to the matriculation fee, is \$9,378 per semester. The technology fee is \$75 per semester. Student activities fee is \$38 per semester and the student health fee is \$105 per semester. 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**

	<b>On-Campus</b>	Off-Campus
Rent/Utilities/Phone	\$248	\$373
Food	343	343
Personal Expenses	260	260
Transportation	185	210
Monthly Totals	\$1,036	\$1,186

#### **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. For information and application materials, contact the Office of Student Financial Aid, 1120 15th Street, (AA-2013), Medical College of Georgia, Augusta, GA 30912-7320; 706-721-4901.

Academic scholarships are also available. These are awarded by the School of Medicine Scholarship Committee.

#### **Refund Policy**

In accordance with federal government requirements, the Medical College of Georgia refund policy is presented as follows:

Unless otherwise mandated by state or federal regulations, students who officially withdraw from college will receive a refund of matriculation 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 their scheduled registration date may receive a refund of the matriculation, student activities and student health fees as listed:

Formal Withdrawal	Refund
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 matriculation fees is limited to withdrawal from the institution and not for dropping of individual courses. For financial aid recipients, the refund is returned to the aid program(s) in the order prescribed by federal guidelines. Details concerning the refund/repayment of financial aid due to withdrawal are available from the Office of Student Financial Aid.

#### **Acceptance Deposits**

The Medical College of Georgia School of Medicine requires a \$50 acceptance deposit from accepted applicants. This deposit will be credited toward first-semester matriculation fees. Accepted applicants who fail to appear for registration and who fail to notify the admissions office of their withdrawal in writing before the first day of regular registration for their entering class shall forfeit their acceptance deposit.

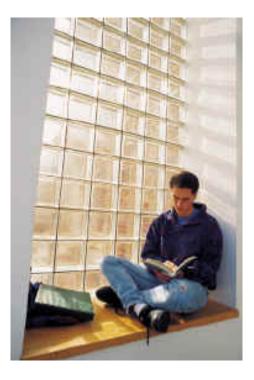
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Medical College of Georgia

# **Curriculum Office**



## **Dr. Ruth-Marie E. Fincher**, Vice Dean for Academic Affairs

**Dr. Thomas A. Albritton**, Associate Dean for Curriculum

1120 15th Street, CB-1841 Augusta, Georgia 30912 Phone: (706) 721-3217 Fax: (706) 721-7244

Copyright © 2000 Medical College of Georgia All rights reserved. **Academic Calendars** 2000-2001 Phase | Phase || Phase || 2001-2002 Phase I | Phase II | Phase III School of Medicine Curriculum **Medical School Objectives** Phase I-II-III Curriculum Committee **Description of the Curriculum Information for Current Students** Phase I Schedule (2000-2001) Phase I Exam Schedule Phase II Schedule (2000-2001) Phase II Exam Schedule 2000-2001 Electives Bulletin Phase III Curriculum Resources 2001 USMLE Step 1 & 2 Application Materials **Electives for Non-MCG Students** 

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Please email comments, suggestions or questions to Kenda Rindt, <u>krindt@mail.mcg.edu</u>. January 18, 2001 MCG School of Medicine, Phase I Academic Calendar (2000-2001)

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#### Phase I Calendar

Phase II Calendar

Phase III Calendar

# Phase I Academic Calendar 2000-2001

August 3-4, 2000
Monday, August 7, 2000
September 4, 2000
November 22-26, 2000
December 8, 2000
December 11-15, 2000
January 2, 2001
January 15, 2001
April 2-8, 2001
May 11, 2001
May 14-18, 2001

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MCG School of Medicine, Phase II Academic Calendar (2000-2001)

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Phase III Calendar

# Phase II Academic Calendar 2000-2001

First Semester	
First day of classes	August 7, 2000
Labor Day	September 4, 2000
Thanksgiving Vacation	November 22-26, 2000
Last day of classes	December 15, 2000
Second Semester	
First day of classes	January 2, 2001
Martin Luther King, Jr. Holiday	January 15, 2001
Spring Break	April 2-8, 2001
Last day of classes	May 8, 2001
Test days	May 9-11, 2001

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### Phase I Calendar

Phase II Calendar

## Phase III Calendar

# Phase III Rotation Schedule 2000-2001

	Begins	Ends	Weeks	
June Rotation for Class of 2002	June 5	July 2	4	
Clinical Skills for Class of 2002	July 5-7, 2000			
July Rotation	July 10	August 6	4	
August Rotation	August 7	September 3	4	
September Rotation	September 4	October 1	4	
October Rotation	October 2	October 29	4	
Thanksgiving Holiday	Nove	ember 23-26, 2000	)	
December Rotation	November 27	December 17	3	
Return for December Rotation	January 2	January 7	1	
Christmas Holiday	December 18, 2000–January 1, 2001			
January Rotation	January 8 February 4		4	
February Rotation	February 5 March 4		4	
March Rotation	March 5 April 1		4	
Spring Break	April 2-8, 2001			
April Rotation	April 9         May 6         4			
April Rotation for Graduating Seniors	April 9 May 2 3		31/2	
May Rotation	May 7	June 3	4	
June Rotation	June 4 July 1		4	
Graduation		May 4, 2001		
6-V	Veek Rotation So	chedule		
1. July 10, 2000–August 20, 2000				
2. August 21, 2000–October 1, 2000				
3. October 2, 2000–November 12, 2000				
4. November 13, 2000–January 7, 2001				
5. January 8, 2001–February 18, 2001				
6. February 19, 2001–April	1, 2001			

7. April 9, 2001–May 20, 2001
8. May 21, 2001–July 1, 2001

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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.

# Phase III Rotation Schedule 2001-2002

#### This schedule is subject to change.

	Begins	Ends	Weeks	Drop/Add Deadline*
June Rotation for Class of 2003	June 4	July 1	4	May 11, 2001
July Rotation	July 9	August 5	4	June 15, 2001
August Rotation	August 6	September 2	4	July 13, 2001
September Rotation	September 3	September 30	4	August 10, 2001
October Rotation	October 1	October 28	4	Sept. 7, 2001
November Rotation	October 29	November 21	4	October 5, 2001
Thanksgiving Holidays for	all students	Nove	ember 22–25	, 2001
December Rotation	November 26	December 18	3.5	Nov. 2, 2001
Christmas Holidays for all	students	Decemb	er 19–Janua	ry 1, 2002
Return for December	January 2	January 6	.5	
January Rotation	January 7	February 3	4	Dec. 14, 2001
February Rotation	February 4	March 3	4	Jan. 11, 2002
March Rotation	March 4	March 31	4	Feb. 8, 2002
April Rotation	April 1	April 7	1	March 8, 2002
Spring Holidays for all students April 8–14, 2002		02		
Return for April	April 15	May 5	3	
April Rotation for Graduating Seniors	April 1	May 1	3.5	
May Rotation	May 6	June 2	4	April 12, 2002
June Rotation	June 3	June 30	4	May 10, 2002
Graduation–Friday May 3,	2002			
	Six-We	ek Rotation Dates		
1. July 9, 2001 – August 19,	2001			
2. August 20, 2001 – Septer				
3. October 1, 2001 – November 11, 2001				
4. November 12, 2001 – Jar	nuary 6, 2002			
5. January 7, 2002 – February 17, 2002				
6. February 18, 2002 – Marc				
7. April 1, 2002 – May 19, 20				
8. May 20, 2002 – June 30,	2002			

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### **Medical School Objectives**

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Phase I Exam Schedule

Phase II Schedule (2000-2001)

Phase II Exam Schedule

Electives Bulletin

# 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.

School of Medicine | Medical College of Georgia

Please email comments, suggestions or questions to Kenda Rindt, <u>krindt@mail.mcg.edu</u>. January 30, 2001

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# Phase I-II-III Curriculum Committee

#### Composition

- a. There shall be one Curriculum Committee: The Phase I-II-III Curriculum Committee.
- b. The Phase I-II-III Curriculum Committee shall consist of a representative from each major course in both the Basic and Clinical Sciences. A major course will be at least six hours.
- c. The Phase I-II-III Curriculum Committee shall consist of sixteen faculty members and four students. One student each from the Phase I-II and the two years of Phase III.
- d. The members of each committee shall be elected in the customary way. The term of office shall be three years with replacement in rotating pattern.
- e. The Chairman shall have served on the Curriculum Committee previously. The Chairman shall serve a term of three years.
- f. Student members shall be selected for these committees through a mechanism determined by the Student Affairs Committee. The term of office is one year.
- g. The Vice Dean for Academic Affairs and the Associate Dean for Curriculum shall be ex-officio, non-voting members of each committee.

#### Function

a. The committee shall meet monthly to review the curriculum, to evaluate its content and effectiveness, and to review and propose changes in the curriculum. The committee will receive input from the faculty at large on substantive issues prior to submitting its final report to the Faculty Senate for consideration.

#### **Committee Membership**

Chris White, Chairman	Pediatrics	2003
Adarsh Gulati	Anatomy	2003
Shirley Redd	Anesthesiology	2003
Vadivel Ganapathy	Biochemistry	2003
Hartmut Gross	Emergency Services	2003
David Jester	Family Medicine	2003
Walter Moore	Medicine	2003
Ned Pruitt	Neurology	2003
Iqbal Khan	OB-GYN	2003
TBA	Opthalmology	2003
John Steele	Pathology	2003
William Caldwell	Pharmacology	2003

**To Faculty Senate Home** 

	Ralph Kolbeck	Physiology/Endocrinology	2003
	Kevin Murrell	Psychiatry	2003
	John Barrett	Radiology	2003
	Thomas Howdieshell	Surgery	2003
1	Mehul Bhatt	Student	Class of 2001
	Alan Redding	Student	Class of 2002
	Laura Bowen	Student	Class of 2003
	TBA	Student	Class of 2004
	Andy Albritton	Assoc. Dean for Curriculum	Ex-Officio
	Ruth-Marie Fincher	V. Dn. for Academic Affairs	Ex-Officio

School of Medicine | Medical College of Georgia

Please email comments, suggestions or questions to Kenda Rindt, <u>krindt@mail.mcg.edu</u>. January 30, 2001

School of Medicine, Curriculum Desciption

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## Medical School Objectives

**Curriculum Description** 

Phase I Schedule (2000-2001)

Phase I Exam Schedule

Phase II Schedule (2000-2001)

Phase II Exam Schedule

Electives Bulletin

# **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.

Phase I		Fall Semester (17 week	cs, 2 days)
Course Number	Course	Credit Hours	Grade
ANM 5110	Gross Anatomy	7	Grade
BMB 5120	<b>Biochemistry/Genetics</b>	7	Grade
ANM 5120	Histology/Development	7	Grade
ТВА	Essentials of Clinical Medicine	e 3	Grade
	Spring Semester (18	Weeks)	
PHY 5150	Physiology	11	Grade
ITD 5170	Neuroscience	6	Grade
PSY 5160	Behavioral Science/Psyciatry	4	Grade
ТВА	Essentials of Clinical Medicine II 8 Gra		Grade
Phase I	I	Fall Semester (17 Weel	ks, 2 Days)
Course Numbe	r Course	Credit Hours	Grade
ITD 5230	Reproduction	2	Grade
PTH 5240A	Pathology	CP	Grade
ITD 5250 A	Microbiology	CP	Grade
ТВА	Essentials of Clinical Medicine III	CP	Grade
	Spring Semester (18 V	Veeks)	
PHM 5270	Pharmacology/Toxicology	7	Grade
ITD 5295	National Board Review	4	Grade

12

12

13

Grade

Grade

Grade

TBA

PTH 5240 B

ITD 5250 B

**Requirements for Phase III** 

Pathology

Microbiology

Medicine III

**Essentials of Clinical** 

#### A. General Requirements

- 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 requirement in Phase III for graduation from the School of Medicine Medical College of Georgia is the satisfactory completion of 18 months of core clerkships, selectives (one Acting Internship in Medicine, Family Medicine or Pediatrics, and a course in Emergency Medicine), and 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 5009B
FMP 5008+	MED 5029+	PED 5012B+
FMP 5009+	MED 5030+	PED 5014
FMP 5010+		
FMP 5011		
FMP 5013+		
FMP 5014+		(+ off-campus)

b.) All students must complete a rotation in Emergency Medicine. SUR 5250, SUR 5275, or SUR 5350 may be substituted for this requirement.

#### Electives

Students must successfully complete a minimum of 5 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 5 electives.

School of Medicine | Medical College of Georgia

Please email comments, suggestions or questions to Kenda Rindt, <u>krindt@mail.mcg.edu</u>. January 30, 2001

#### Directories | Intranet | Search

#### Catalog 2000

**Medicine** 

#### **Course Descriptions**

• <u>Phase I and II Required Courses</u> Use this link to access the main MCG course description

database.

 <u>Electives Bulletin</u> Use this link to go find course descriptions of electives taken during Phase III.

#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01



# Medical College of Georgia Guide to Course Descriptions

#### **Disciplines for 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	<u>OBG</u>
Ophthalmology, Medicine	<u>OPH</u>
Pathology, Medicine	<u>PTH</u>
Pediatrics, Medicine	PED
Pharmacology, Medicine	PHM
Physiology, Medicine	PHY
Psychiatry, Medicine	<u>PSY</u>
Surgery, Medicine	<u>SUR</u>

#### **Return to Course Descriptions Home**

Student Affairs and Admissions | Medical College of Georgia

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u> This page was last updated on 01/24/01

## ANM5085. Phase I Elective: Medical Gene Therapy

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

### ANM5085P. Phase I Elective: Clinical Anatomy of the Pelvis and Inguinofemoral Region

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

**ANM5130. Histology and Development** 

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

7 credit hours

7 credit hours

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

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1 credit hours

1 credit hours

## ANS5085. Phase I Elective: Introduction to Anesthesiology

1 credit hours

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

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

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### **EMED5005. Emergency Medicine Externship Off-Campus**

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

## EMED5085. Phase I Elective: Freshman Elective in Emergency Medicine

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

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 envenomotions, 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

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 envenomotions, 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** 

7 credit hours

1 credit hours

1 credit hours

1 credit hours

. . .

## FMP5000. Basic Clerkship Family Medicine

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

1 credit hours

1 credit hours

## Prerequisite: None

**Medicine** 

FMP5085A. Phase I Elective: **Continuity Clerkship in Family** 

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

### **FMP5085H.** Phase I Elective: **Salvation Army Homeless Medical Clinic Elective**

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

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http://www.oiri.mcg.edu/catalog/coursedesc.asp?cpref=ITD&cschool=Medicine (1 of 2) [01/31/2001 10:24:32 AM]

Catalog - Course Listing **ITD5085.** Phase I Elective:

## **Pathophysiology: Clinical Correlates** and Molecular Medicine

**ITD5085A.** Phase I Elective: Seminars in Complementary and Alternative

Prerequisite: None

**Medicine** 

Medicine

Prerequisite: None

Prerequisite: None

**ITD5085B.** Phase I Elective: **Spirituality and Religion in** 

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.

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

therapy, aromatherapy and others. Students must attend at least four sessions for credit.

conventional therapies. Areas of interest will include chiropractic, osteopathic, herablism, massage

Grading System: Satisfactory/Unsatisfactory

Grading System: Satisfactory/Unsatisfactory

Grading System: Satisfactory/Unsatisfactory

1 credit hours

1 credit hours

1 credit hours

**ITD5170.** Neuroscience Prerequisite: First year standing in the School of Medicine.

through a more wholistic approach to their patients.

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.

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

Grading System: ABCDF

**ITD5230.** Reproduction

Prerequisite: Second-year standing in the School of Medicine.

Medical aspects of the reproductive process. Emphasis on the role of the endocrine system in reproduction. Includes sex differentiation, pregnancy, puberty, contraception and sexuality.

Grading System: ABCDF

## ITD5250. Medical Microbiology

6 credit hours

2 credit hours

http://www.oiri.mcg.edu/catalog/coursedesc.asp?cpref=ITD&cschool=Medicine (2 of 2) [01/31/2001 10:24:32 AM]

Catalog - Course Listing

Prerequisite: Completion of Phase I

**ITD5260.** Introduction To Clinical Medicine

This course combines principles of immunology, medical microbiology and infectious diseases.

Grading System: ABCDF

6 credit hours

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.

## ITD5295. National Board Review

Prerequisite: Completion of Phase I A systematic review for the USMLE Step I examination

Grading System: Satisfactory/Unsatisfactory

## ITD5540. Basic Science

## Review

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

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ates

Grading System: ABCDF

4 credit hours

1 - 12 credit hours

#### MED5000. Basic Clerkship Medicine

MED5085C. Phase I Elective: Cancer

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: ABCDF

### 1 credit hours

Prerequisite: None

**Biology/Cancer Treatment** 

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

## MED5085G. Phase I Elective: Outpatient GI Clinic

Prerequisite: None

Student will observe faculty outpatient activities, learn process of history taking and physical exam, formulation of problem list and utility of diagnostic tests.

Grading System: Satisfactory/Unsatisfactory

## MED5085R. Phase I Elective: Clinical Rheumatology

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

Prerequisite: None

A basic course in commonly used medical terms in Spanish.

Grading System: Satisfactory/Unsatisfactory

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10 credit hours

1 credit hours

1 credit hours

## NEU5000. Basic Clerkship in Neurology

Prerequisite: Successful completion of Phase II

**NEU5085.** Phase I Elective: Clinical Neurology:

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 lesion. The recognition is included.

1 credit hours

Prerequisite: None

**Approach to Patients and Tests** 

**NEU5085J. Phase I Elective:** 

The course will consist of a combination of didactic lectures and clinical experience in the MCG outpatient and inpatient settings

Grading System: Satisfactory/Unsatisfactory

1 credit hours

1 credit hours

Prerequisite: None

**Jewish Medical Ethics** 

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

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

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## **OBG5000.** Basic Clerkship in Obstetrics and Gynecology

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

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## **OPH5210.** Ophthalmology

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** 

## PTH5085. Phase I Elective: Basic Cardiovascular Pathology

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 histomorpologic 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

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

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

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** Prerequisite: None

1 credit hours

1 credit hours

1 credit hours

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

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 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

12 credit hours

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## PED5000. Basic Clerkship in Pediatrics

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

### 1 credit hours

Prerequisite: None

**Involvement** 

PED5085. Phase I Elective: Students in Community

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

PED5085C. Phase I Elective: Pediatric Cardiology

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

## PED5085E. Phase I Elective: Fetal Echocardiography

Prerequisite: None

Students will attend echocardio lectures for pediatric cardiology and learn how to make measurements in preparation for summer research.

Grading System: Satisfactory/Unsatisfactory

## PED5085H. Phase I Elective: Pediatric Hematology/Oncology

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.

1 credit hours

1 credit hours

1 credit hours

PED5085L. Phase I Elective:
<b>Communicating with Children</b>

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** Prerequisite: None

Neonatal physiology.

Grading System: Satisfactory/Unsatisfactory

PED5085P. Phase I Elective: Clinical Experience in Pediatric Pulmonology

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

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1 credit hours

1 credit hours

### PHM5270. Pharmacology/Toxicology

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

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#### **PSY5000.** Basic Psychiatry

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

## **PSY5085.** Phase I Elective: Eating Disorders

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

## PSY5160. Behavioral Science/Psychiatry I

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

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15 credit hours

1 credit hours

#### SUR5000. Basic Clerkship in Surgery

Prerequisite: Successful completion of Phase II

This six (6) 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

1 credit hours

1 credit hours

### Prerequisite: None

**Surgical Basic Skills** 

SUR5085. Phase I Elective:

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

## SUR5085O. Phase I Elective: Introduction to **Otolaryngology**

Prerequisite: None Exposure to patients in clinic or operating room.

Grading System: Satisfactory/Unsatisfactory

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Ophthalmology

Pediatrics Pharmacology and Toxicology Physiology Psychiatry Radiology Surgery: - General - Neurosurgery - Orthopedics - Otolaryngology

- Pediatrics
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Pathology

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# Electives

## Department of Anesthesiology

Professors: R. Crumrine, M.D., D. Martin, M.D. (Interim Chairman), E.
Betts, M.D., J. Johnston, M.D.; Associate Professors: R. Dennison, M.D.,
S. Dubin, M.D., L. Frison, M.D., W. Mathews, M.D.; Assistant
Professors: S. Bari, M.D., M. Hadsell, M.D., J. Molinaro, M.D., R.
Oliver, M.D., S. Redd, M.D., M. Vigoda, M.D., T. Weatherred, M.D.;
Instructor: Pam Rosema, R.R.T., M.H.A.

ANS 5001 Anesthesiology Four Week Clerkship

Location:	MCG Hospital and Clinics
Enrollment:	1 Minimum 4 Maximum
Prerequisites:	None
Duration:	One Month

Months Offered: August through June

Basic elective which includes pre and postanesthetic evaluation, followup and management of patients during anesthesia and also in the recovery room, shock-its recognition and management; fundamental considerations and application of cardiovascular resuscitation; inhalation therapy; diagnostic and therapeutic blocks; the use of regional anesthetic drugs; technical experience in venous and arterial cannulation; patient monitoring, endotracheal intubation; fluid and electrolyte management; narcotics and analgesics; and use of sedatives and hypnotics. The student will attend all scheduled teaching seminars and conferences. (Dr. Molinaro and Dr. Ted Weatherred)

## ANS 5002 Anesthesiology Research Elective (Special Elective)

Location:	MCG Hospital and Clinics
Enrollment:	Arrange individually with Chairman of Department of Anesthesiology
Prerequisites:	ANS 501 + Acceptance by Chairman of Department of Anesthesiology
Duration:	One to Two Months
Months Offered:	All Year (Special Arrangement)

The Department of Anesthesiology has an ongoing program in basic laboratory and clinical research. Either of these areas are 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. Hadsell)

**ANS 5003** Anesthesiology Preceptorship (*Special Elective-Green Sheet*)

Location:	Off Campus Elective
<b>Enrollment:</b>	Arranged Individually
Duration:	One Month
Months Offered:	By Arrangement

Clinical experience in Anesthesiology in an off campus hospital approved by Departmental Chairman.

ANS 5004 Respiratory Care Elective

Location:	MCG Hospital and Clinics
Enrollment:	10 Maximum
Prerequisites:	None
Duration:	One Month
Months Offered:	August through May

Introduction to both theoretical and technical aspects of respiratory care. Emphasis is on basic pathophysiology as related to the patient's problems and in the appropriate treatment. The first half of the month focuses on oxygen, jet nebulizer therapy, and blood gases to name a few. The second half focuses on ventilator management. In addition to lectures, selected patients will be used to demonstrate practical therapeutic aspects of respiratory care. (Ms. Pam Rosema, M.H.S.A., R.R.T.)

ANS 5005 Obstetric Anesthesia Elective

Location:	MCG Hospital and Clinics
<b>Enrollment:</b>	1 Maximum
Prerequisites:	ANS 501
Duration:	One Month
Months Offered:	January through June

Introduction to the perioperative anesthesia care of the parturient. Special

emphasis will be placed on the effect of regional anesthesia on mother and baby, and on choice of anesthesia for C-section. The student will attend all teaching seminars and conferences. (Drs. Redd and Bari)

ANS 5006 Ambulatory Anesthesia Elective

Location:	MCG Hospital and Clinics
<b>Enrollment:</b>	1 Maximum
Prerequisites:	ANS 501
Duration:	One Month
Months Offered:	September through May

This elective offers excellent opportunity to learn preoperative and postoperative evaluation and management of the surgical outpatient with medical problems.

ANS 5007 Pediatric Anesthesia Elective

Location:	MCG Hospital and Clinics
Enrollment:	1 Maximum
Prerequisites:	ANS 501
Duration:	One Month
Months Offered:	August through June

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. (CMC Anesthesiology Staff)

ANS 5008 Pain Management Elective

Location:	MCG Hospital and Clinics
<b>Enrollment:</b>	1 Maximum
Prerequisites:	None

Months Offered: July 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. Martin) Copyright © 2000 Medical College of Georgia All rights reserved School of Medicine | Medical College of Georgia

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# Electives

## Department of Biochemistry and Molecular Biology

**BMB 5001** Tutorial Elective in Biochemistry and Molecular Biology (*Special Elective-Green Sheet*)

Location:	MCG, Dept. of Biochemistry and Molecular Biology
<b>Enrollment:</b>	As allowed by Department
Prerequisites:	BMB 550
Duration:	One to Three Months
Months Offered:	By Arrangement

Students may elect to study specific areas in biochemistry and molecular biology under the guidance of one or more faculty members working in that area. Arrangements to be made by the students with the members of the faculty of the department. Topic, time and credit to be arranged. (Dr. F. Leibach)

**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 550
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. F. Leibach)

**BMB 5003** Elective in Medical Genetics (*Special Elective-Green Sheet*)

Location:MCG, Dept. of Biochemistry and Molecular BiologyEnrollment:As allowed by Department

Prerequisites:	BMB 550
Duration:	One to Three Months
Months Offered:	By Arrangement

This elective will cover recent developments in human molecular genetics. Possible areas of focus are the human genome project and animal models for human gene therapy. Preference will be given to students who have already completed a Dean's Student Research Fellowship. Time and credit to be arranged through faculty members involved in teaching.

**BMB 5004** Signal Transduction in Ocular Tissues (*Special Elective-Green Sheet*)

Location:	MCG, Dept. of Biochemistry and Molecular Biology
<b>Enrollment:</b>	1-2 Students
Prerequisites:	MBM 550
Duration:	One to Three Months

Months Offered: By Arrangement

This elective focuses on the role of phosphoinositide derived second messenger molecules in biochemical and pharmacological responses in ocular tissues treated with different stimuli. The students will gain hands-on experience by participating in an ongoing research project with one of the faculty members. The experimental protocols will include radiolabeling of tissues and analysis of phospholipid metabolic products, enzyme assays, Western immunoblotting, and use of other biochemical and pharmacological techniques. A written report on the project is required at the end of the elective period. Time and credit to be arranged. (Drs. Abdel-Latif, Akhtar and Yousufzai)

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# Electives

## Department of Cellular Biology and Anatomy

## Anatomy

ANM 5001 Advanced Studies in Medical Gross Anatomy

Location:	MCG R & E BLDG.
<b>Enrollment:</b>	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
<b>Enrollment:</b>	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)

**ANM 5003** Special Topics in Clinical Anatomy (*Special Elective-Green Sheet*)

Location:	MCG, Center for Clinical Anatomy, Department of Cellular Biology and Anatomy
<b>Enrollment:</b>	2 Maximum
Prerequisites:	Senior Students Only
Duration:	One to Two Months
Months Offered:	By Arrangement

This elective provides the senior medical student the opportunity to study intensively and perform thorough dissections relevant to research in an area of a clinically pertinent topic, under direct faculty supervision. (Dr. Atherton)

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# Electives

## Department of Emergency Medicine

EMED 5001 Emergency Medicine Clerkship

Location	MCG Hospital
Enrollment	15 Maximum
Prerequisites	Core Curriculum
Duration	One Month
<b>Months Offered</b>	July through June

The 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 for 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. More information can be obtained by contacting Dr. Hartmut Gross in the Department of Emergency Medicine, MCG Ext. 3365.

**EMED 5002** Emergency Medicine Clerkship Off Campus (*Special Elective-Green Sheet*)

Location	One of several participating hospitals
Enrollment	Maximum 1 per location
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. 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 501 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 Dr. Hartmut Gross at MCG Ext. 3365.

**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 an open book exam and small project due at the end of each rotation. Student Coordinatory Dora Walden, Ext. 3365.

**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
<b>Months Offered</b>	By arrangement

Opportunity to participate in research programs being conducted by members of the faculty of the Department of Emergency Medicine. Arrangements to be made by the student with a member of the faculty. Contact person in Emergency Medicine is Dr. David Ledrick at ext. 1-3365.

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# Electives

## 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: (912)784-3587. Participation in this elective must be arranged through the Department of Medical Education. Contact: Pam Childress, Coordinator (912)633-1063. (Participation in this elective must be approved by the Department of Family Medicine, MCG. Contact Medical Student Coordinator, ext. 1-4075.)

**FMP 5002** Family Medicine Public Health Elective (*Special Elective*)

Location:	Aiken County Health Dept., Aiken, SC
<b>Enrollment:</b>	1 Minimum 2 Maximum
Prerequisites:	None
<b>Duration:</b>	One to Two Months
Months Offered: July through June	

This rotation exposes the student to the many services provided by the Aiken County Health Department including environmental inspections, home health visits, clinics for adults and children, and health educational programs. Weekly seminars will provide additional information regarding the programs and organizational structure of the health department and the philosophy of public health practice. Upon completion of the course, the student will be able to describe the diverse structure, budget process, funding pathways and approximate expenditures of public health programs. For more information concerning this elective, contact: District Director of Health Education, Lower Savannah Health District, 803/642-1605. (Participation in the elective must be arranged and approved by the Department of Family Medicine; contact Medical Student Coordinator, Ext. 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
<b>Months Offered</b>	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, OBG 5000, 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. Mallory Smith, M.D., Director, Family Practice Residency Training Program, Floyd Medical Center, Rome, Georgia. Telephone: (706) 295-5644. (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 Keith Ellis, M.D., 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 Tish Askew 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
<b>Months Offered</b>	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 indepth 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
<b>Months Offered</b>	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. Super-vision 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
<b>Months Offered</b>	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 wiith Paul Williamson, M.D., Director of Southwest Georgia Family Practice Residency Program, Telephone number (912) 244-1400. (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	Georgia Baptist 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, Georgia Baptist 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	Department of Family Medicine, MCG
Enrollment	1 Minimum 1 Maximum
Prerequisites	None
Duration	One Month
<b>Months Offered</b>	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 emphasize 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 Kathie Jacobson, 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 5017** Complementary and Alternative Medicine (*Special Elective*)

Location	MCG and Selected Complementary/ Alternative Practices located in Georgia
Enrollment	0 Minimum 4 Maximum
Prerequisites	None
Duration	One Month
<b>Months Offered</b>	July and January only

Given the growing number of patients who are accessing complementary and alternative medicine it is important that we have an understanding of them from an allopathic standpoint. This elective will give students the opportunity to gain onsite experience with physician and non-physician practitioners in various fields of complementary and alternative medicine. Areas of study may include osteopathic medicine, chiropractice, massage therapy, acupuncture, Chinese medicine, herbal medicine and others. Students can choose from a list of available practitioners based on his/her area of interest. This elective is divided into two 2-week periods so that the student will have maximal exposure. Students are required to write a summary of his/her specific area of interest upon completion. For further information, contact: Dr. Rayvelle Barney, Department of Family Medicine, ext. 0940. (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.)

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Please email comments, suggestions or questions to: Susan Porterfield, <u>sporterf@mail.mcg.edu</u>. June 07, 2000

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- Anesthesiology

- Biochemistry and

**Molecular Biology** 

- Cellular Biology and Anatomy
- Emergency Medicine
- Family Medicine
- Interdepartmental
- Medicine
- Neurology
- Obstetrics and
- Gynecology
- Ophthalmology
- Pathology
- Pediatrics
- Pharmacology and

Toxicology

- Physiology
- Psychiatry
- Radiology
- Surgery

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# Electives

### Interdepartmental

**ITD 5001** Clinical Clerkship in the Department of Physiology (Special Elective)

Location	Hamilton Wing, Office on 15th St. and
	University Hospital
Enrollment	1 Minimum 2 Maximum
Duration	One Month
<b>Months Offered</b>	September through June

Reproductive Endocrinology (Department of Physiology) will primarily involve clinical clerkship utilizing the private patients of Drs. Gambrell and Natrajan at University Hospital and St. Joseph Hospital, as well as their office on 15th Street. In addition, case presentation and discussion will take place involving Drs. Gambrell and Natrajan, and departmental faculty, clinical fellows and students. The areas covered will include puberty, amenorrhea, galactorrhea, hirsutism and virilism, infertility, induction of ovulation and management of menopause.

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Please email comments, suggestions or questions to: Susan Porterfield, <a href="mailto:sporterf@mail.mcg.edu">sporterf@mail.mcg.edu</a>. June 07, 2000

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#### **Electives in:**

- Anesthesiology
- Biochemistry and
- Molecular Biology
- <u>Cellular Biology and</u> Anatomy
- Emergency Medicine
- Family Medicine
- Interdepartmental
- <u>Medicine</u>
- <u>Neurology</u>
- Obstetrics and
- Gynecology
- Ophthalmology
- Pathology
- Pediatrics
- Pharmacology and
- **Toxicology**
- <u>Physiology</u>
- <u>Psychiatry</u>
- <u>Radiology</u>
- <u>Surgery</u>

# Electives

## 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
<b>Months Offered</b>	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. Lesher, 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. Lesher, Jr.)

MED 5003 Advanced Dermatology (Special Elective)

Location	MCG Hospital and Clinics
Enrollment	One Maximum
Prerequisites	<u>MED 5001</u>

**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	<u>MED 5001</u> 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.

#### **Humanities**

MED 5005 Special Electives for Individuals may be arranged

MED 5006 Ethical Issues in Medicine

Location	MCG
Enrollment	7 Maximum
Prerequisites	None
Duration	One Month
Months Offered	July through June

Participants will use the tools of ethical analysis to explore some of the most significant and interesting problems arising out of the practice of medicine. The selection of specific issues will be at the mutual discretion of student and instructor. Examples might include such general topics as informed consent, foregoing life support, human reproduction, AIDS/HIV, confidentiality, the difficult patient, impaired colleagues, managed care and so forth. The course will consist of in-depth discussion

of assigned resources and current clinical issues. (Dr. Richard Martin)

MED 5007 Law and the Physician

Location	MCG
Enrollment	August: 14 per month Other Months: 7 per month
Prerequisites	None
Duration	One Month
<b>Months Offered</b>	July through June

The course will cover issues in law which specifically concern the practicing physician, such as professional responsibility (malpractice), expert testimony, informed consent, criminal statutes relating to medicine, confidentiality, contract law, abortion, AIDS, withdrawal of life support, insurance, and other topics selected by students and instructor. The instructional methods will include indepth discussion, research, and clinical application. (Dr. Richard Martin)

#### 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, writeups, 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 2 Maximum
Prerequisites	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	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. (Dr. Anthony L. Mulloy, Executive Specialty Care Service Director, VA)

**MED 5009\*** Acting Internship at Eisenhower Medical Center, Fort Gordon, GA

Location:	D. D. Eisenhower Army Medical Center (DDEAMC)
<b>Enrollment:</b>	1 Minimum 2 Maximum
Prerequisites:	<u>MED 5000</u>
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. Bailey, Mealing, Loebl and Field)

MED 5011\* Acting Internship at MCG Hospital

Location:	MCG Hospital
Enrollment:	Maximum 3
Prerequisites:	<u>MED 5000</u>
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	<u>MED 5000</u>
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. Burgess, Hudson, Faguet, Jillella, Dainer, and Kutlar).

MED 5013 Renal Transplant/Yellow Medicine Elective

Location	MCGH
Enrollment	1 Minimum 2 Maximum
Prerequisites	<u>MED 5000</u> , <u>SUR 5000</u>
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	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	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 Medical Center, Inc., Savannah, GA
Enrollment	Maximum 1*
Prerequisites	<u>MED 5000</u>
Duration	One Month
Months Offered	July through June

\*This elective is by arrangement only with the Medical Student Coordinator by calling Tish Askew 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	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	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, S. Sepulveda, M. Jagadeesan)

MED 5017 Cardiology Consultation Service at MCGHC

Location	MCGHC
Enrollment	3 Maximum
Prerequisites	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	July through June

The emphasis of this rotation is on consultative cardiology. 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. 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 weekly Cardiology Grand Rounds and Catheterization conferences. (Drs. Garrison, Prisant, Shah, Robinson, Abdullah, Ahmed, Woods, Khroal, Marks and Heesch for MCGH).

MED 5018 Cardiology Consultation Service at VA

Location	VA
Enrollment	1 Maximum
Prerequisites	<u>MED 5000</u>

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. (Drs. Mensah, Pallas, and Cardiology faculty)

MED 5019 Cardiology at Eisenhower Medical Center (Ft. Gordon)

Location	DDEAMC
Enrollment	1 Minimum 1 Maximum
Prerequisites	<u>MED 5000</u>
Duration	One To Two Months
<b>Months Offered</b>	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. Neasman, Noe and Smith)

MED 5020 Cardiology at VA Acting Internship

Location	VA Hospital, Downtown Division
Enrollment	1 Minimum 2 Maximum
Prerequisites	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	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. Mensah and Cardiology faculty)

#### MED 5021 Gastroenterology at MCGH

Location	MCGH
Enrollment	1 Minimum 2 Maximum
Prerequisites	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	July through June

This course is designed to provide an understanding of clinical aspects of diseases of the digestive system, including endoscopy, interpretation. of gastrointestinal X-rays, biopsies and laboratory tests. It consists of rounds, conferences and clinics at the MCG Hospital. (Drs. Griffin, Singh, Middleton, Bachinski, Sridhar and Schade)

MED 5022 Clinical Cardiology

Location	Doctor's Hospital, Augusta
Enrollment	1 Minimum 1 Maximum
Prerequisites	<u>MED 5000</u>
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. The same self teaching aids and end of course testing will be used as in MED 513. (Dr. Mucha)

MED 5023 Pulmonary Diseases Consult

Location	MCGH
Enrollment	1 Minimum 2 Maximum
Prerequisites	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	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, Dupre, Speir, and Chaudhary)

MED 5024M Infectious Diseases MED 5024FT MED 5024VA MED 5024UH

Location:	MED5024 Army Med MED5024	M-MCG Hospital and Clinics, FT-Dwight David Eisenhower, dical Center VA-VA Medical Center UH-University Hospital
Enrollment	MCG VAMC	Maximum 4 Maximum 2 C Maximum 1 Maximum 2*
Prerequisites	<u>MED 5000</u>	<u>2</u>
Duration Months Offered	One Mont July through	

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.

Ft. Gordon: Dr. Robert J. Kazragis

#### 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	<u>MED 5000</u>
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. T. Andrew Albritton. (BIW 542, Ext. 2055)

MED 5026 Critical Care Medicine (VA ICU)

Location:	VA, Downtown Division, Augusta, GA
<b>Enrollment:</b>	Maximum 1
Prerequisites:	<u>MED 5000</u>
<b>Duration:</b>	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, Dupre and Gossage)

MED 5027 Off Campus Elective (Special Elective-Green Sheet)

Location	Off Campus
Enrollment	Indefinite
Prerequisites	<u>MED 5000</u>
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. T. Andrew Albritton, BIW 542, 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
<b>Months Offered</b>	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. T. Andrew Albritton, BIW 542, 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.*)

**MED 5029\*** Acting Internship at Memorial Medical Center, Savannah, GA (*Special Elective \**)

Location	Memorial Medical Center, Savannah, Georgia
Enrollment	1 Maximum
Prerequisites	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	July through June

\*This elective is by arrangement only with the Medical Student Coordinator by calling Tish Askew 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	<u>MED 5000</u>
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 on more frequently than every fourth night. Internal Medicine Program Director: Guillermo Umpierrez, M.D. Call Room available when students are on call.

MED 5031 Clinical Cardiology

Location:	Doctor's Hospital, Augusta
<b>Enrollment:</b>	Maximum 1
Prerequisites:	<u>MED 5000</u>

#### Duration: Months Offered:

One Month July through June

The student will serve as an extern to three 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, and coronary angioplasty. Also, there is exposure to a busy cardiac office practice. An 8 bed coronary care unit and telemetry unit are heavily utilized and emergency procedures are stressed. (Drs. Reeves, Smith and Dick) 863-5635.

MED 5032 Pulmonary/Critical Care in Private Setting

Location	Drs. Haynes, Brannen and Garner's Office and Hospitals
Enrollment	Maximum 2
Prerequisites	<u>MED 5000</u>
Duration	One Month
Months Offered	July, September, November, January, March, May

The student will round with Drs. Haynes, Brannen or Garner on patients at University Hospital in Augusta. He/She will participate in the initial evaluation and treatment of patients in the critical care units as well as consultations and routine admissions. He/She will participate in decisions regarding mechanical ventilation, monitoring and participate in procedures where appropriate. Discussions regarding all aspects of pulmonary/critical care will be available as well as a reading list to allow the student to obtain a well rounded experience in pulmonary/critical medicine. The student's interests will shape the program to an individualized clerkship. Pulmonary function testing, pulmonary metabolic stress testing, bedside metabolic testing, bronchoprovocation, hyperbaric oxygen therapy, sleep study analysis, bronchoscopy, thoracentesis and percutaneous needle biopsies of the lung are some of the areas available for exposure. (Drs. Haynes, Brannen or Garner) 706/774-7400 Report to University Professional Building #4, Suite 1000.

MED 5033 Pulmonary Medicine Consult at VAMC

Location:	VA Downtown Division, Augusta
<b>Enrollment:</b>	1 Maximum
Prerequisites	<u>MED 5000</u>
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, Dupre and Davis)

MED 5034 Pulmonary/Medical Critical Care

Location	MCGH
Enrollment	1 Minimum 2 Maximum
Prerequisites	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	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. Speir, Dupre, Chaudhary, Gossage and Davis)

MED 5035 Clinical Endocrinology (Medicine) at Savannah, GA (*Special Elective*\*)

Location	Memorial Medical Center and Office of Kaveh Ehsanipoor, M.D
Enrollment	Maximum 1
Prerequisites	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	July through June

\*This elective is by arrangement only with the Medical Student Coordinator by calling Tish Askew 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	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	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. Whitlock, Honeycutt, Thompson, and Gavin)

**MED 5037** Gastroenterology at Eisenhower Medical Center, Ft. Gordon, for 4th year medical students

Location	DDEAMC
Enrollment	1 Minimum 1 Maximum
Prerequisites	<u>MED 5000</u>
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, Little, Hammond and Farrington)

MED 5038 General Internal Medicine Preceptorship

Location	University Hospital, Augusta
Enrollment	Maximum 1
Prerequisites	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	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 hyperbaric therapy, 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	<u>MED 5000</u>
Duration	1 Month
<b>Months Offered</b>	July through June

Inpatient consultations and ambulatory clinics at the ETMH 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. Bransome, Calle, Huff, Isales, Mulloy, Louard, Stachura).

MED 5040 Cardiology

Location	Office of Drs. Abdulla Abdulla, Louis Battey, 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	<u>MED 5000</u>
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 5041 Diabetes Elective in Birmingham

Location	Medical Center., East Birmingham, AL
Enrollment	Maximum 2
Prerequisites	<u>MED 5000</u>
Duration	One or Two Months
Months Offered	July through June

The Diabetes Clinic of Medical Center East is a unique facility designed to deliver state-of-the-art comprehensive diabetes care. The student will be expected to participate in all aspects of clinical care in the ambulatory and inpatient settings. The student will be able to assist with clinical procedure and help design individualized treatment plans. Procedures performed in the clinic include: exercise stress testing (peripheral and autonomic), pulmonary function tests, flexible sigmoidoscopy, hyperbaric and whirlpool therapy, as well as ophthalmologic and periodontal evaluations. In addition to patient care responsibilities the elective includes didactic sessions, conferences and self teaching modules. **Free** room and board is available for students not living in the Birmingham area. (Buris Boshell, M.D., Robert Chadband, M.D.) INQUIRE: Diabetes Clinic, R. Chadband, M.D., 48 Medical Park East Drive, Suite 154, Birmingham, AL 35235, Phone (205) 838-3673)

MED 5042 Nephrology Service at DDEAMC, Ft. Gordon, GA

Location	D.D. Eisenhower Army Medical Ct.
Enrollment	1 Minimum 1 Maximum
Prerequisites	<u>MED 5000</u>
Duration	One to Two Months
<b>Months Offered</b>	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. Stiles)

MED 5044 Internal Medicine-Private Service

Location	University Medical Associates
Enrollment	Maximum 1

Prerequisites	None
Duration	One Month
<b>Months Offered</b>	July through June

This elective is designed to provide the student with an opportunity to participate in the outpatient and inpatient delivery of private internal medical care. Significant emphasis will be placed in the areas of diabetes, pulmonary disease, cardiovascular disease, and infectious disease. The student is given the opportunity to work one-on-one with Private Attendings and to participate at a high level in patient management and procedures related to the practice of General Internal Medicine and its subspecialties.

(Drs. C. Green, S.T. Smith, C. Shaefer, B. Tarpley, D. Boone, A. Sanders, M. Thompson, H. Hall and R. West, 706/774-7400) Report to University Professional Building #4, Suite 1000.

MED 5045 Ambulatory and Consultative Internal Medicine Service

Location	D.D. Eisenhower Army Medical Ct. Ft. Gordon, Georgia
Enrollment	Maximum 1
Prerequisites	<u>MED 5000</u>
Duration	One to Two Months
<b>Months Offered</b>	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. Mataosky)

MED 5046 Endocrinology Service at Eisenhower Army Medical Center

Location	D.D. Eisenhower Army Medical Ct. Ft. Gordon, Georgia
Enrollment	Maximum 1
Prerequisites	<u>MED 5000</u>
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. (Dr. Hancock and Gibson)

MED 5047 Medical Intensive Care at EAMC

Location	DDEAMC
Enrollment	Maximum 1
Prerequisites	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	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, and Thompson)

**MED 5050** Inpatient Cardiology at Atlanta Medical Center (*Special Elective*)

Location	Atlanta Medical Center, Atlanta, GA
Enrollment	1 Maximum
Prerequisites	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	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 catherterization. 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: Guillermo Umpierrez, 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	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	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: Guillermo Umpierrez, M.D.

MED 5052 Gastroenterology at Atlanta Medical Center (*Special Elective*)

Location	Atlanta Medical Center, Atlanta, GA
Enrollment	1 Minimum 2 Maximum
Prerequisites	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	July through June

Students on this elective will rotate with the four Gastroenterology Attendings, caring for patients in the hospital, doing consults and observing Gastroentestinal 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. Gastroenterology attending at Atlanta Health Care System: Leslie S. Leighton, M.D., Michael R. Galambos, M.D., John T. Galambos, M.D., F.A.C.G., Booker H. Dalton, Jr. M.D., Mark Sims, M.D. Internal Medicine Program Director: Guillermo Umpierrez, M.D.

**MED 5053** Gastroenterology at Memorial Medical Center, Savannah, GA (*Special Elective*\*)

Location:	Savannah Center for Digestive and Liver
	Diseases, Memorial Medical Center, Inc
<b>Enrollment:</b>	Maximum 1
Prerequisites:	<u>MED 5000</u>

Duration: Months Offered: One Month July through June

\*This elective is by arrangement only with the Medical Student Coordinator by calling Tish Askew 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 5055 Critical Care and Pulmonary Medicine (*Special Elective*)

Location	Columbia Augusta Medical Center
Enrollment	Maximum 1
Prerequisites	<u>MED 5000</u>
Duration	One Month

Months Offered July through June

The student will work with 6 critical care physicians at Columbia Augusta Medical Center. 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 six of the clinical faculty. Experiences in diagnostic studies are also available for the

interested student. (Drs. Scott A. Deppe, Friedman, Epperly, Shaver, Trello, and Fuhrman, 706/651-6199)

**MED 5056** Epidemiology-Atlanta (*Special Elective* \*)

Location	Centers for Disease Control and Prevention (CDC), Atlanta
Enrollment	Maximum number is variable
Prerequisites	<u>MED 5000</u>
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 by arrangement only with Dr. Addiss at CDC 770/488-7760. After signing up for the electives, drops must be cleared by the student through Dr. Addiss.

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, Ali R. Rahimi, M.D., F.A.C.P., Chief of Geriatrics, Memorial Medical Center, Inc., Savannah, GA
Enrollment	Maximum 1
Prerequisites	<u>MED 5000</u>
Duration	Four weeks
<b>Months Offered</b>	July through June

\*This elective is by arrangement only with the Medical Student Coordinator by calling Tish Askew 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 educaion programs including daily Noon Conferences, Friday Grand Rounds, and may also participate in medical morning report.

#### MED 5059 Clinical Cardiology

Location	The office of Augusta Heart Associates
Enrollment	Maximum 1
Prerequisites	<u>MED 5000</u>
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, Thornton, and Holman) 724-4400.

MED 5060 Telemedicine Technology

Location	MCG, AI-1025
Enrollment	Maximum 4
Prerequisites	None
Duration	One Month
Months Offered	Sontombor through N

Months Offered September through May

The basic technologies of medical instrumentation, communications, informatics, and interactive sound and videos are discussed. Students individually explore the technical issues of a telemedicine application utilizing traditional and on-line information sources as well as

experimentation in the Telemedicine Center Learning Laboratory. (Dr. Max Stachura, EA-100, ext. 1-6616)

**MED 5061** Outpatient Nutritional Therapy (*Special Elective*)

Location	CSRA Partners in Health Care
Enrollment	One student per month
Prerequisites	None
Duration	One Month
<b>Months Offered</b>	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., 1228 Augusta West Parkway, Augusta, GA 30901, phone 860-3001).

#### MED 5062 LSU Ambulatory

Location	VAMC LSU, Augusta, GA
Enrollment	1 Minimum 2 Maximum
Prerequisites	<u>MED 5000</u>
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. DuPre, Spencer, Kovacs, Forsyth, 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	<u>MED 5000</u>
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 5064 Enhanced Cardiac Auscultation

Location	VA Hospital, Downtown Division
Enrollment	1 Minimum, 2 Maximum
Prerequisites	<u>MED 5000</u>
Duration	One Month
Months Offered	Every month except March, July and November

During this elective, the student will learn the importance of cardiovascular auscultation in the diagnostic evaluation of patients with valvular heart disease, heart failure, coronary artery disease and complications, adult congenital heart disease as well as the assessment of subjects with innocent murmurs. The distinctive features of this rotation are the use of multimedia instruction in the characteristics of different heart sounds and murmurs; didactic instruction using bedside recording and review of heart sounds and murmurs in hospitalized patients; juxtaposition of real-time color Doppler echocardiographic findings in the same patients from whom heart sounds and murmurs are recorded. A reading syllabus covering auscultation and cariophonetics will be provided. The student is expected to participate in all teaching conferences of the Department of Cardiovascular Care. (Dr. G. Mensah)

MED 5065 Pulmonary/Critical Care in South Georgia (Special Elective\*)

Location	Archbold Medical Center, Thomasville, Georgia, Office # of Dr. Rosenblum (912) 225-1900
Enrollment	Maximum 2
Duration	One Month
<b>Months Offered</b>	September through 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 5066 Community Endocrinology, Diabetes and Metabolism Elective

(Special Elective\*)

Location	Internal Medicine and Endocrine Associates of Augusta
Enrollment	Maximum 2
Duration	Four to Six Weeks
Months Offered	July through June

This clinical rotation is offered through the offices of Drs. Ian Herkowitz, Ali Rizvi, and Leyla El-Choufi, who are endocrinologists 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, 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 managment and the opportunity to participate in community activities like diabetes camps and retreats, fund-raising walks, etc. Another resource is the Weight Management and Nutrition Center of University Hospital where patients are seen for a collaborative approach to obesity.

The student is assured a supportive atmosphere for office and beside 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. (Report to 820 St. Sebastian Way, Professional Office Building #1, Suite 7A. Phone: 706/722-0463.)

## MED 5067\* Acting Internship Off Campus (Special Elective-Green Sheet\*)

Location	To be arranged with Dr. Andy Albritton
Enrollment	To be arranged with Dr. Andy Albritton
Prerequisites	<u>MED 5000</u>
Duration	One Month
<b>Months Offered</b>	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. Andy Albritton, BI-W 542)

School of Medicine | Medical College of Georgia

Please email comments, suggestions or questions to: Susan Porterfield, <u>sporterf@mail.mcg.edu</u>. June 07, 2000

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#### Medical College of Georgia

#### School of Medicine

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# Electives

### Department of Neurology

NEU 5001A Acting Internship in Adult Neurology NEU 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 **NEU 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
<b>Months Offered</b>	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
<b>Months Offered</b>	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 NEU 5004B Neurology (*Special Elective*) NEU 5004C

Location	5004A-MCG Hospital 5004B-VA Medical Center 5004C-Off Campus- <b>-Green Sheet</b>
Enrollment	1 Maximum Per preceptor
Prerequisites	NEU 5000

DurationOne to Three MonthsMonths OfferedJuly 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. Animal Models in Research (Dr. Franklin Carl, 823-2254)
- 2. Behavioral Neurology (Dr. Meador, 721-2797)
- 3. Clinical Cerebrovascular Disease (Dr. Fenwick Nichols and Dr. Robert Adams, 721-4670)
- 4. Clinical Neurophysiology: EEG, EP, Computerized EEG Analysis (Dr. Anthony Murro, 721-4512 and Dr. Yong Park, 721-3371)
- 5. Electromyography (Dr. Michael Rivner, 721-2681)
- 6. Electrophysiology of Cognition (Dr. Kim Meador, 721-2797)
- 7. Epilepsy (Dr. Don King, 721-3325)
- 8. Molecular Biochemistry, Spring Quarter, (Dr. Terry Sprinkle, 721-2029)
- 9. Muscle Biochemistry (Dr. James Carroll, 721-3371)
- 10. Neurochemistry (Dr. Franklin Carl, 823-2254)
- 11. Neuromuscular Diseases (Dr. Michael Rivner, 721-2681)
- 12. Ultrasound in the Evaluation of Cerebrovascular Disease (Dr. Fenwick Nichols, 721-4670)
- 13. Endothelial cell in strokebasic research (Dr. David Hess, 823-2212)
- 14. Movement Disorders (Dr. Kapil Sethi, 721-4581)

Other electives may be arranged with individual preceptors.

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Please email comments, suggestions or questions to: Susan Porterfield, <u>sporterf@mail.mcg.edu</u>. June 07, 2000

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#### **Electives in:**

- Anesthesiology
- Biochemistry and
- Molecular Biology
- <u>Cellular Biology and</u> Anatomy
- Emergency Medicine
- Family Medicine
- Interdepartmental
- Medicine
- <u>Neurology</u>
- Obstetrics and
- Gynecology
- Ophthalmology
- <u>Pathology</u>
- Pediatrics
- Pharmacology and
- Toxicology
- <u>Physiology</u>
- <u>Psychiatry</u>
- <u>Radiology</u>
- <u>Surgery</u>

# Electives

### 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 5000
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. Carol Johnson, BA-7406, 1-2543.

**OBG 5002** Gynecologic Oncology Elective (*Special Elective*)

Location	Cancer Center of Georgia at Atlanta Medical Center, Atlanta, GA
Enrollment	1 Maximum
Prerequisites	Satisfactory completion of OB/GYN third year rotation
Duration	One Month
<b>Months Offered</b>	July through June

Students will be assigned to the Gynecologic Oncology Service at Atlanta Medical Center and will serve as an extern on that service. This will involve participation in clinical care ambulatory care settings. Students will be supervised by the Director of Gyn/Oncology and expected to attend all clinical conferences as well as observe and participate in office procedures such as videocolposcopy and laser surgery as requested by the Director.

#### Goals:

- 1. Understanding the pathology, clinical presentation, natural history, evaluation and treatment of gynecologic malignancies.
- 2. Understanding of major procedures used to screen for female pelvic malignancies.
- 3. Review of the basic principles of care for critically ill patients with multiple medical problems as well as neo- plastic diseases.
- 4. Understanding the role of the gynecologic oncologist in private as well as academic settings.

R. Allen Lawhead, M.D. is the Director of Gynecologic Oncology at Atlanta Medical Center. All students interested in this elective should contact the Residency Program Coordinator, 303 Parkway Drive, NE, Box 423, Atlanta, Georgia 30312 to obtain an application form. (404/265-4614). This elective is by arrangement only.

You must contact Carol Johnson, BA 7406, Ext 1-2543 and the Program Coordinator, 404/265-4614.

**OBG 5003** Obstetrics and Gynecology, University Hospital (*Special Elective* \*)

Location	University Hospital, Augusta, GA
Enrollment	1 Minimum 2 Maximum
Prerequisites	Satisfactory Completion of OBG 5000
Duration	One Month
Months Offered	July through October-Reserved for Students choosing OBG as Advisor.

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.

\* You must contact Carol Johnson, BA 7406, Ext.1-2543.

**OBG 5004** Research/Laboratory Elective at MCG (*Special Elective*)

Location	MCG Hospital
Enrollment	1 Maximum

Prerequisites:	Satisfactory Completion of OBG 5000
<b>Duration:</b>	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 Carol Johnson, BA 7406, Ext. 1-2543.

**OBG 5005** Maternal Fetal Medicine Elective at MCG *(Special Elective)* 

Location	MCG Hospital
Enrollment	1 Maximum
Prerequisites	Satisfactory Completion of OBG 5000
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 Carol Johnson, BA 7406, 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 5000
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 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:

- 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 reproduc tive 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 Carol Johnson, BA 7406, Ext. 1-2543.

**OBG 5007** Elective in Gynecologic Oncology (*Special Elective*)

Location	MCG
Enrollment	1 Maximum
Prerequisites	Satisfactory Completion of OBG 5000
Duration	One Month
Months Offered	All Year except December. 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 Mensah 721-3992. This elective is by arrangement only. You must contact Dr. Michael Macfee and Carol Johnson, BA 7406, 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 5000
Duration	One Month
Months Offered	All year, except December. July through
	October-Reserved for Students choosing OBG as
	Advisor.

The student will participate in the management of gynecology patients in an expanded manner. The student's experience will include performance of diagnostic procedures such as vulvar and endometrial biopsies, and exposure to urodynamics and the care of the patient with incontinence, evaluation of patients with pelvic pain and other common gynecological problems.

On the ward the student will be assigned selective patients and will be responsible for preoperative and postoperative patient management. These patients will be followed to the operating room and will include both vaginal and abdominal gynecologic procedures.

An opportunity to participate in clinical research will be provided and is strongly encouraged.

(Dr. Kerry Kline, Ext. 1-2542) This elective is by arrangement only. You must contact Dr.Kerry Kline and Carol Johnson, BA 7406, Ext. 1-2543.

**OBG 5009** Obstetrics and Gynecology at Atlanta Medical Center, Atlanta, GA (*Special Elective*)

Location	Atlanta Medical Center, Atlanta, Georgia
Enrollment	1 Maximum
Prerequisites	Satisfactory Completion of OBG 5000
Duration	One Month
Months Offered	July through June

The student is assigned responsibility for the evaluation and care of obstetric and gynecologic patients under the supervision of the resident physicians and staff physicians.

David C. Richardson, M.D. is the Director of the OB/GYN Residency Program, Atlanta Medical Center. All students interested in this elective should contact the Residency Program Coordinator for the Department of Obstetrics and Gynecology, Atlanta Medical Center, 303 Parkway Drive, NE, Box 423, Atlanta, GA 30312 to obtain an application form. (404/265-4614).

**OBG 5010** High Risk OB Antepartum Assessment (*Special Elective*)

Location	Atlanta Medical Center, Maternal Fetal Diagnostic Center, Atlanta, Georgia,
Enrollment	1 Maximum
Prerequisites	Satisfactory Completion of OBG 5000
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 Phillip Potter, M.D. All students interested in this elective should contact the Residency Program Coordinator for the 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 Carol Johnson, BA 7406, Ext. 1-2543 and the Program Coordinator, 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 depend- ing upon availability)
<b>Months Offered</b>	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 Carol Johnson at 1-2543, BA 7406.

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- <u>Cellular Biology and</u> Anatomy
- Emergency Medicine
- Family Medicine
- Interdepartmental
- Medicine
- <u>Neurology</u>
- Obstetrics and
- Gynecology
- Ophthalmology
- Pathology
- Pediatrics
- Pharmacology and
- **Toxicology**
- Physiology
- <u>Psychiatry</u>
- Radiology
- <u>Surgery</u>

# Electives

### Department of Ophthalmology

All changes, additions, and deletions in Ophthalmology including off campus electives should be coordinated through Dr. Hull's Office, Edwina Terrell Ext. 1-1153.

OPH 5001 Ophthalmology Clerkship

Location	Dept. of Ophthalmology, MCG
Enrollment	1 Minimum 4 Maximum
Prerequisites	None
Duration	One Month
Months Offered	July through June

The student participates with the residents and faculty in their daily clinical departmental 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
<b>Months Offered</b>	July through June

All applicants must be interviewed by Dr. D. Hull and then 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.

a. Ophthalmic Physiology and/or Molecular Biology: Drs. K. Green, G. Liou

b. Clinical Research: Drs. S. Brooks, D. Marcus, D. Hull, J. Hendrickson, S. Goei, D. Thomas

**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 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. A resume of work done must be turned in to the MCG Department of Ophthalmology by the student within two (2) weeks of completion of the rotation. 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

Malcolm N. Luxenberg, M.D. Professor and Chairman

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. Copyright © 2000 Medical College of Georgia All rights reserved School of Medicine | Medical College of Georgia

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- Biochemistry and
- Molecular Biology
- <u>Cellular Biology and</u> Anatomy
- Emergency Medicine
- Family Medicine
- Interdepartmental
- <u>Medicine</u>
- <u>Neurology</u>
- Obstetrics and
- Gynecology
- Ophthalmology
- <u>Pathology</u>
- Pediatrics
- Pharmacology and
- Toxicology
- <u>Physiology</u>
- <u>Psychiatry</u>
- Radiology
- <u>Surgery</u>

# Electives

### 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, HF 1126, 721-3781.

### Pediatric Subinternships 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 and Brudno)

**PED 5002** Off Campus Special Elective (*Special Elective-Green Sheet*)

Location	Approved Hospitals or Preceptor's Office
Enrollment	1 Minimum No Maximum
Prerequisites	PED 5000
Duration	One or Two Months

#### Months Offered July

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 5003** Pediatric Clinical Assistantship at Gracewood (*Special Elective*)

Location	Gracewood State School and Hospital.
Enrollment	1 Minimum 3 Maximum
Prerequisites	PED 5000
Duration	One or Two Months
Months Offered	July through June

This clinical assistantship provides inpatient care, conferences and lectures all related to the multidisciplinary approach to caring for persons with mental retardation. Students will have an in-depth exposure to seizures and their management. Dysmorphic and Genetic syndromes will be discussed. This clinical assistantship includes one (1) holiday during the scholastic year and every third (3rd) night call during the actual rotation. Stipends are available. To sign up for this elective and for any further information regarding elective, contact Dr. Graham I. Pereira, M.D., Educational Director, 706/790-2133; GSSH Fax: 706/790-2326.

**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
<b>Months Offered</b>	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	3 Maximum
Prerequisites	PED 5000
Duration	One Month
<b>Months Offered</b>	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. 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.

**PED 5006** Allergy and Clinical Immunology (*Special Elective*)

Location	MCG Hospital and Clinics
Enrollment	1 Minimum 2 Maximum
Prerequisites	None
Duration	One or Two Months
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. Dolen, Meyer, Wray, and Ownby, Chief-7/1/2000)

PED 5007 Pediatric Research (Special Elective)

Location	MCG Hospital
Enrollment	2 Maximum
Prerequisites	None
Duration	One or Two Months
<b>Months Offered</b>	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\* Substitute Pediatric Intern PED 5009B\* (*Special Elective*)

Location	5009A-MCG Hospital
Enrollment	2 Maximum
Location	5009B-University Hospital
Enrollment	1 Maximum
Prerequisites	PED 5000
Duration	One Month
<b>Months Offered</b>	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. In addition the University Hospital rotation includes outpatient experience. Specify whether you are requesting PED 5009A MCG or PED 5009B University Hospital. (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. (Dr. Clark)

PED 5012A Pediatric Elective at Memorial Children's
5012B\* Hospital at Memorial Medical Center
5012C (Special Elective)

Memorial Medical Center Inc., Savannah, GA
1 Maximum per area
PED 5000
One to Two Months

This elective will provide the student with experiences in (A) Neurology, (B\*) General Pediatrics, (C) Subspecialty Electives: Adolescent Medicine, Gastroenterology, Hematology/Oncology, Child Abuse and Protective Services. Subspecialty 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 Subinternship when taken as an inpatient experience.** Arrangements should be made by contacting the MHUMC Medical Student Coordinator, Ms. Tish Andrew at 912/350-8076.

**PED 5013** Pediatric Infectious Disease (*Special Elective*)

Location	MCG Hospital, University Hospital
Enrollment	1 Maximum
Prerequisites	PED 5000
Duration	One Month
Months Offered	July 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 the diagnosis and management of infectious diseases of infants and children.

2. To learn the culture and specimen collection technique and identification of common pathogens that will be encountered in an office practice.

3. To research and present one major topic in pediatric

infectious diseases or assist in preparation of a paper for publication on a pediatric infectious disease topic during this rotation.

(Drs. Cox, Foshee, or White)

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
Prerequisites	PED 5000
Duration	One Month
<b>Months Offered</b>	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. Eckert. (Drs. Eckert, Shaffner, Seward, Bash, and Ahmadie). PED 5017 Pediatric Hematology/Oncology (Special Elective)

Location	MCG Hospital and Clinics
Enrollment	1 Maximum
Prerequisites	PED 5000
Duration	One Month

Months Offered July through June (not offered in December)

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. Lightsey, McKie, Suh, Sabio and Shah)

**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>B</b> or above
Duration	One Month
<b>Months Offered</b>	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 reorganizing and treating the critically ill child. Students are taught how to integrate proactively 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 with home call being the predominant arrangement. Enrollment is limited to two students per month. (Drs. Coule, Fisher, Pearson-Shaver, Steinhart, and Truemper)

**PED 5019** Medical Genetics (*Special Elective*)

Location	MCG Hospital and Clinics
Enrollment	1 Maximum
Prerequisites	PED 5000
Duration	One Month
Months Offered	August, October, November, December, March, April and May

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
<b>Months Offered</b>	September 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 an x-ray conference and discussion of a chosen topic. Clinical research projects can also be arranged. (Dr. Hoffman)

**PED 5021** Allergy Immunology Research Elective (*Special Elective*)

Location	MCG Hospital and Clinics
Enrollment	2 Maximum
Prerequisites	None
Duration	One Month
<b>Months Offered</b>	July through October, January, February, April, May

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, Meyer, Ownby, and Wray, Chief)

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 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. (Drs. Guill and Hudson)

**PED 5023** Adolescent Medicine Elective (*Special Elective*)

Location	MCG Hospital and Clinics
Enrollment	1 Maximum
Prerequisites	PED 5000
Duration	One Month
<b>Months Offered</b>	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 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. (Drs. Pendergrast, Bassali, and Moore).

## **PED 5024** 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 (cariogenic and non-cardiogenic), renal physiology, and sepsis. Arrangements should be made by contacting the MHUMC Medical Student Coordinator, Ms. Tish Andrew at 912/350-8076.

## **PED 5025** Developmental Pediatrics (*Special Elective*)

Location	MCG and Outlying Clinics
Enrollment	1 Minimum 1 Maximum
Prerequisites	<i>PED 5000</i>
Duration	One Month

#### **Months Offered**

July through June

Students will work daily with Dr. Boedy in the Special Child Clinic caring for children with chronic medical and neuro-muscular conditions. Student will have weekly readings on developmental issues. The student will also attend two outlying clinics in Waycross and Statesboro, seeing patients with a wide variety of medical conditions. (Dr. Boedy)

## **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 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)

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- Biochemistry and
- Molecular Biology
- <u>Cellular Biology and</u> Anatomy
- Emergency Medicine
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- <u>Medicine</u>
- <u>Neurology</u>
- Obstetrics and
- Gynecology
- Ophthalmology
- Pathology
- Pediatrics
- Pharmacology and
- Toxicology
- Physiology
- <u>Psychiatry</u>
- Radiology
- <u>Surgery</u>

# Electives

### Department of Pharmacology and Toxicology

PHM 5001 Toxicology

Location	MCG
Enrollment	2 Minimum 8 Maximum
Prerequisites	Medical Course in Pharmacology
Duration	One Month
<b>Months Offered</b>	August or January

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. Kling and others, Ext. 3421)

**PHM 5002** Clinical Pharmacology and Therapeutics (Special Elective-Green Sheet)

Location	MCG
Enrollment	5 Minimum 16 Maximum
Prerequisites	Medical Course in Pharmacology
Duration	One Month
<b>Months Offered</b>	August or January

Interacting with a faculty of pharmacologists, physicians and clinical 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)

**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
<b>Months Offered</b>	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.

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#### **Electives in:**

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- Biochemistry and

Molecular Biology

- <u>Cellular Biology and</u> Anatomy

- Emergency Medicine
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- Obstetrics and
- Gynecology
- Ophthalmology
- <u>Pathology</u>
- Pediatrics
- Pharmacology and
- **Toxicology**
- Physiology
- <u>Psychiatry</u>
- Radiology
- <u>Surgery</u>

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# Electives

### Department of Physiology

**PHY 5001**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. Arrangements to be made by the students with a member of the faculty. (Dept. Chair)

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- Biochemistry and
- Molecular Biology
- <u>Cellular Biology and</u> Anatomy
- Emergency Medicine
- Family Medicine
- Interdepartmental
- Medicine
- <u>Neurology</u>
- Obstetrics and
- Gynecology
- Ophthalmology
- Pathology
- Pediatrics
- Pharmacology and
- **Toxicology**
- <u>Physiology</u>
- <u>Psychiatry</u>
- Radiology
- <u>Surgery</u>

# Electives

### Department of Psychiatry

**PSY 5002** Consultation Liaison Psychiatry (*Special Elective*)

Location	MCG Hospital
Enrollment	By Arrangement
Prerequisites	PSY 5000
Duration	One Month
<b>Months Offered</b>	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. Kevin Murrell, Ext. 2161)

**PSY 5003** General Psychiatry Subinternship (*Special Elective*)

Location	VAMC
Enrollment	By Arrangement
Prerequisites	PSY 5000
Duration	One to Three Months
Months Offered	July through June

Students are given the opportunity to work as a team leader in managing an acute care treatment team. They will function as an intern for a population of psychiatric patients and learn principals of administrative psychiatry as well as sharpen their skills in psychiatric diagnoses and treatment. The student will be caring for inpatients and outpatients. (Dr. Susan L. Haverstock, 733-0188, Ext. 6226)

**PSY 5004** Family Therapy (*Special Elective*)

Location	MCG Psychiatry Outpatient Clinic
Enrollment	1-3
Prerequisites	PSY 5000
Duration	One to Three Months
Months Offered	July through June

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. Also, electives are available at the National Institute of Mental Health through an application process. (Dr. Stewart Shevitz, Ext. 3141)

PSY 5006 The Brain vs. Mind Conundrum Elective in Neuroimaging

Location	VA Hospital (Downtown Division)
Enrollment	5 Maximum
Prerequisites	PSY 5000

DurationOne tMonths OfferedJuly t

One to Three Months July through June

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. (Dr. Manuel F. Casanova, 733-0188, Ext. 2681)

**PSY 5007** Eating Disorders Rotation (*Special Elective*)

Location	MCG Hospital, 3-South and Outpatient Psychiatry
Enrollment	Maximum 3
Prerequisites	<i>PSY 5000</i>
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 (3-South)
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. Lydia Weisser, Ext. 2161)

**PSY 5011** Outpatient Psychotherapy (*Special Elective*)

Location	MCG Outpatient Clinic
Enrollment	By Arrangement
Prerequisites	PSY 5000
Duration	One to Three Months
<b>Months Offered</b>	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, hypnotherapy, 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 5012** Post Traumatic Stress Disorder and Related Anxiety Disorders (*Special Elective*)

Location	VAMC, Unit 3E (PTSD inpt), Unit 3F (PTSD outpt)
Enrollment	Maximum 2
Prerequisites	PSY 5000
Duration	Two Months
<b>Months Offered</b>	By Appointment

A well-integrated multidisciplinary team offers experience with assessment and treatment programs for mental health trauma disorders.

The primary setting is outpatient based and exposure to inpatient crisis care and emergency assessment is included. Major focus is in post-traumatic stress disorders, with stressors having occurred at least partly in military service-often related to combat events or to sexual trauma. Assessment and treatment of other sexual dysfunctions may be observed with the responsible faculty during a scheduled weekly out-patient clinic. Group therapy and classes are a major treatment modality as part of an integrated biopsycho-social approach. These programs are continuing to evolve rapidly in a VAMC which is recognized as a leader in adapting programs to changing political and funding priorities. (Lionel P. Solursh, M.D., 733-0188 Ext. 7609)

**PSY 5015** Psychiatry and the Law (*Special Elective*)

Location	Uptown VAMC, Augusta Correctional Medical Institution, Georgia Regional Hospital, Psychiatry Outpatient Clinic
Enrollment	By Arrangement
Prerequisites	<i>PSY 5000</i>
Duration	One to Three
Months Offered	July through June

Supervised experience in working with clinical and legal issues in the evaluation of behavior. You will have exposure to prison, hospital and outpatient populations and institutional systems and milieus. There will be individual tutorial sessions with experienced staff forensic psychiatrists provided. (Drs. Charles A. Meyer, Jr., Elective Monitor 733-0188, Ext. 7740)

PSY 5016 Substance Abuse

Location	VAMC Uptown Division, Wards 4D4E
Enrollment	Maximum 2
Prerequisites	None
Duration	One to Two months
Months offered	July through June

The VA Substance Abuse Treatment Unit offers a comprehensive program of inpatient and outpatient detoxification and rehabilitation, and is the site for a variety of educational and funded research activities. This elective will provide students an introduction to the diagnosis and treatment of patients with a variety of substance use disorders. Students will be an active member of an interdisciplinary treatment team and will be responsible for initial evaluation and medical management of selected inpatients and outpatients. They will be able to observe and participate in a wide variety of therapeutic modalities including psychoeducation, group therapy, therapeutic community, family therapy and Alcoholics Anonymous. Students will attend scheduled seminars and may be involved in research projects. The specific focus of the elective experience will be based on the individual student's interest. (Drs. Sullwold and Solursh, 733-0188, Ext. 7760)

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, neuropharmacololgy 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)

## Dwight David Eisenhower Army Medical Center Clerkships in Psychiatry

Eisenhower Medical Center offers a clerkships in Psychiatry and Neurology for MCG medical students in their clinical years of training. The third year clerkship in Psychiatry (PSY 500) is an introductory clinical rotation which teaches the student the basic skills in psychiatry needed for the practice of a non-psychiatric physician. This includes performing diagnostic interviews and mental status examinations, recognizing common mental disorders and establishing a correct differential diagnosis, and selecting an appropriate biopsychosocial treatment plan.

Elective clerkships for fourth year students are also available. A brief description of these elective clerkships follows. Specific curricula can be arranged to meet the training needs of students. Interested students should contact the Director of Psychiatry Training (Dr. Douglas Waldrop) at Eisenhower Army Medical Center (706) 787-2550.

**PSY 5018** Consultation Liaison Psychiatry (*Special Elective*)

Location	Eisenhower Army Medical Center
Enrollment	By Arrangement
Prerequisites	<i>PSY 5000</i>
Duration	Four Weeks Minimum
<b>Months Offered</b>	July through June

The student rotates on a full-time Psychiatry Consultation-Liaison Service providing emergency and routine mental health consultation services to inpatient and outpatient medical and surgical services. Full time faculty supervision is provided, as well as a lecture series. Typically, students gain experience with the presentation of disorders such as depression, anxiety disorder, somatoform disorders, substance use disorders, and organic mental disorders, presenting in a variety of medical clinics and on inpatient services. This elective is very useful for any student planning on pursuing training in any primary care medical specialty, as well as psychiatry. (Douglas Waldrop, M.D., 787-2550)

**PSY 5019** Inpatient Alcohol and Drug Rehabilitation (*Special Elective*)

Location	Eisenhower Army Medical Center
Enrollment	By Arrangement
Prerequisites	PSY 5000
Duration	Four Weeks Minimum
Months Offered	July through June

The student rotates on a six-week inpatient residential treatment program for patients with substance abuse disorder. Supervision is provided by a full-time psychiatrist who is board certified in addiction psychiatry. The student participates in the evaluation of new patients, learns multidisciplinary treatment, and becomes a part of the treatment team. This elective provides extensive instruction in state-of-the-art inpatient treatment for patients with alcohol and drug dependence. (Lawrence Correnti, M.D., 787-2550)

**PSY 5020** Outpatient Psychiatry (*Special Elective*)

Location	Eisenhower Army Medical Center
Enrollment	By Arrangement
Prerequisites	<i>PSY 5000</i>
Duration	Four Weeks Minimum
<b>Months Offered</b>	July through June

The student rotates in a busy outpatient psychiatry clinic. The student has the opportunity to conduct emergency and routine psychiatric evaluations, develop treatment plans, and implement brief treatmetn with selected patients. Close supervision is provided by PGY3 psychiatry residents and faculty supervisors. Case conferences, lectures, and seminars are provided as part of the rotation. Extensive experience is gained with the outpatient evaluation and treatment of patients with mental illnesses. (Douglas Waldrop, M.D., 787-2550)

**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
<b>Months Offered</b>	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 5022 Geriatric Neuropsychiatry

Location

VAMC Uptown Division

Enrollment	Maximum 4
Prerequisites	NEU 5000 or PSY 5000
Duration	One to Three Months
<b>Months Offered</b>	July through June

This is a primary care elective with emphasis on the organic cause of psychiatric manifestations in the elderly. The student will participate in the initial evaluation, work-up, and care of both inpatients and outpatients at the VAMC Uptown Division. The major selection of patients will include patients who need an evaluation or reassessment of a diagnosis of dementia or patients with late onset psychotic symptoms. The student will learn about pharmacological and behavioral management of these patients. The student will also participate in the following educational meetings: 1) Every Monday-Journal Club; 2) Every Wednesday, 10:30-11:30 a.m.: Patient Rounds; 3) Every first and third Thursday-Neuroscience Journal Club. Ed Zamrini, 1/800/836-5561, ext. 6219.

**PSY 5023** Inpatient and Consultation Child Psychiatry

Location	MCG Hospital, 3-South, 9-North
Enrollment	1 per rotation
Prerequisites	<i>PSY 5000</i>
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 facutly and child psychiatry fellows. (Dr. Betsy Sunde, Ext. 2165)

PSY 5024 Tutorial Elective in Psychiatry

#### (Special Elective-Green Sheet)

Location	MCG, VA or Georgia Regional Hospital
Enrollment	1 Minimum, 5 Maximum
Prerequisites	PSY 5000
Duration	One or Two Months
<b>Months Offered</b>	July through June

Students may elect to study in depth a specific area in Psychiatry under the guidance of one or more faculty members most familiar with that specific area. Arrangements to be made by the student with the member of the faculty involved in the tutorial program. (Simon Sebastian, M.B.B.S.)

**PSY 5025** Advanced Inpatient Psychiatry (*Special Elective*)

Location	Eisenhower Army Medical Center
Enrollment	By Arrangement
Prerequisites	PSY 5000
Duration	Four Weeks
Months Offered	July through June

The student rotates on a 60-bed acute general inpatient psychiatry unit. Close supervision is provided by PGY2 residents, the PGY4 Chief Resident, and staff faculty members who are available at all times. Compared to the junior student clerkship, additional responsibility and clinical opportunities are provided, depending on the needs and interests of the student. A lecture series is provided. This elective is especially helpful for students planning on pursuing psychiatry residency training. (Lawrence Correnti, M.D., 787-2550)

## **PSY 5026** Child Psychiatry (*Special Elective*)

Location	Eisenhower Army Medical Center
Enrollment	By Arrangement
Prerequisites	PSY 5000
Duration	Four Weeks Minimum
Months Offered	July through June

The student rotates in the child psychiatry service, with the opportunity to

observe evaluations of children and families, conduct assessments, and participate in treatment. Close supervision is provided by child psychiatry fellows and faculty child psychiatrists. Skills developed during this rotation include emergency and routine assessment of children, performing a child mental status examination, making appropriate diagnosis of childhood mental disorders, determining appropriate treatment plans including individual therapy, family therapy, and psychopharmacology, and working with a multidisciplinary child mental health team. (Douglas Waldrop, M.D., 787-2550)

### **PSY 5027** Private Practice Psychiatry (*Special Elective-Green Sheet*)

Location	Valdosta, Georgia
Enrollment	2 Maximum
Prerequisites	PSY 5000
Duration	One to Two Months
Months Offered	July through June

The goal of this elective is to expose the student to the private practice environment. The student will see a mix of inpatients and outpatients in a private psychiatric hospital as well as a community hospital. Students will also be given an opportunity to observe the treatment of patients in a managed care setting and learn more about the management of a private practice office. In addition to learning management skills, the student will be exposed to a variety of psychiatric disorders. After completion of this elective, the student should develop a better understanding of the frequency of psychiatric disorders seen in the rural community. (Dr. Joe Morgan, 921/244-4200).

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- Biochemistry and

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- <u>Cellular Biology and</u> Anatomy
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- Pharmacology and
- Toxicology
- <u>Physiology</u>
- <u>Psychiatry</u>
- Radiology
- <u>Surgery</u>

# Electives

### Department of Radiology

RAD 5001 Radiology

Location	MCG Hospital
Enrollment	4 Minimum 16 Maximum
Prerequisites	None
Duration	4 weeks
Months Offered	August through April (June by arrangement with Dr. Wanda Mundy)

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. Binet)

### RAD 5002 Radiobiology (Special Elective)

Location	MCG Hospital
Enrollment	1-4
Prerequisites	None
Duration	4 weeks
Frequency	By arrangement Dr. Mundy

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 radiopharaceuticals. 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)

## **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
<b>Months Offered</b>	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. Burton)

**RAD 5004** Advanced Clerkship in Diagnostic Radiology (*Special Elective*)

Location	MCG Hospital and/or VAMC
Enrollment	Maximum 6
Prerequisites	RAD 5001 (or permission of Department Chairman)
Duration	4 weeks
<b>Months Offered</b>	By arrangement with Dr. Wanda Mundy

This advanced clerkship is designed for students who, after completing RAD 500, 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	
<b>Months Offered</b>	By arrangement with Dr. Mundy	

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 5000 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
Enrollment	1 Minimum 2 Maximum
Prerequisites	None
Duration	4 weeks
<b>Months Offered</b>	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
<b>Months Offered</b>	By arrangement with Dr. Mundy

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)

School of Medicine | Medical College of Georgia

Please email comments, suggestions or questions to: Susan Porterfield, <u>sporterf@mail.mcg.edu</u>. June 07, 2000

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#### Medical College of Georgia

#### School of Medicine

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# Electives

### Department of Surgery

#### Sections:

General Neurosurgery Otolaryngology Orthopedics Pediatrics Thoracic and Cardiac Urology Plastic

#### 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
	Terley (horses horses)

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
<b>Months Offered</b>	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
<b>Months Offered</b>	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 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) **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
<b>Months Offered</b>	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
Prerequisites	SUR 5000
Duration	One to two months
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 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. (Dr. David Rogers)

SUR 5008 Clinical Management of the Critically Ill/Injured Patient

Location	MCG Hospital
Enrollment	1 Minimum 3 Maximum
Prerequisites	SUR 5000
Duration	One Month
<b>Months Offered</b>	July through June

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. (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
<b>Months Offered</b>	July through June

During assignment in surgery at Atlanta Medical Center, 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 various 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 scrubs and will usually observe two to three cases. Participation in private office and clinics is expected.

Special attention will be devoted to the student on principles of physical examination of the acute as well as the chronic surgical problem patient. Bedside teaching in these areas will be paramount.

To supplement lectures and operative experience, surgical rounds will be conducted daily, on the floors as well as in the intensive care unit areas along with the surgical house officers and the Chief Resident of Surgery. Special attention during these rounds will be given to problems of critical care monitoring, fluid and electrolyte replacement, hyperalimentation, and placement of certain sophisticated monitoring devices such as SwanGanz catheters.

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
<b>Months Offered</b>	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.

During this educational experience the student will be allowed 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 protein sparing, 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 follow-up 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 electrolyte 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 3 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) 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.

Senior students interested should contact directly the Administrative Secretary for the Department of Surgery, Office of Medical Education, (404) 265-4411.

**SUR 5014** Nutrition, Advanced Clerkship at MCG *(Special Elective)* 

Location	MCG Hospital
Enrollment	1 Minimum 2 Maximum
Prerequisites	Core Curriculum
Duration	Four weeks
Month Offered	July through June

This clerkship is designed to provide the senior medical student with experience regarding the principles and techniques of specialized nutrition support (enteral and parenteral nutrition). The student will make daily rounds with the Surgical Nutrition Service (physician, dietitian, pharmacist) as well as the Trauma/Critical Care Service. Education will be provided on the concepts of metabolism, total parenteral and enteral nutrition, enteral formulations and enteral access techniques as well as drug/nutrient interactions in one-to-one lectures/discussions. Students will also participate in patient nutrition assessment, potential metabolic complications, use of nutrition support in various disease states (renal/hepatic/pulmonary) and conditions. Students will have the opportunity to read and study current references on nutrition support and the corresponding disease states provided by the Surgical Nutrition Service and Medical Library. Arrangements should be made through the Surgical Nutrition Service: Dr. Martindale or Gail Cresci, R.N., at 706/721-4686.

#### 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 5201** Neurosurgical Rotation (*Special Elective*)

Location	Memorial Medical Center, Savannah, GA
Enrollment	No Maximum
Prerequisites	Completion of Junior Year
Duration	One Month
Months Offered	July through June

A four week elective rotation on neurosurgery which is designed to familiarize the senior medical student with neurosurgery and its relation to the clinical care of patients with neurological illnesses. There is an emphasis on the common every day neurosurgical problems with attention to the diagnosis and surgical treatment of these disorders and neurointensive care. Rotation will include daily rounds on the neurosurgical service, daily sessions in the operating theater and evaluation of patients in the clinic, both preoperatively and postoperatively. The diagnosis will include myelography, angiography and CT and MR imaging. It will also include an introduction to electrodiagnostic techniques, including EEG, EMG, and evoked potential studies. An introduction to neuropathology in a clinical case correlation method will also be provided. A reading list and daily clinical discussions will be provided to insure that the elective rotation provides well rounded and thorough introduction to neurosurgery. (Drs. Edward Downing, Roy Baker, Fremont Wirth, Cliff Cannon, James G. Lindley)

**Objectives:** The senior student will obtain a broad overall experience to neurological problems and their surgical treatment.

#### 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) 350-8076.

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 5000
<b>Months Offered</b>	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
<b>Months Offered</b>	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. Levine.

SUR 5276 Orthopedics Tutorial (*Special Elective*)

Location	MCG Hospital and Clinics, VA Hospital
Enrollment	1 Minimum 3 Maximum
Prerequisites	SUR 5000
Duration	One to Two Months

#### Months Offered July through June

Arrange through Faculty Coordinator, Dr. Levine.

SUR 5277 Orthopedics Preceptorship, Augusta Private Office or Eisenhower General Hospital (Special Elective-Green Sheet)

Location	To be provided at the time of registration
Enrollment	1 Minimum 2 Maximum per preceptor
Prerequisites	SUR 5000
Duration	One to Two Months
<b>Months Offered</b>	July through June

Arrange through Faculty Coordinator, Dr. Levine.

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. Levine.

SUR 5279 Hand Surgery (Special Elective-Green Sheet)

Location:	As Arranged
Enrollment:	2 Max per preceptor
Prerequisites:	SUR 5000
Duration:	One to Two Months
Months Offered:	July through June

Arrange through Faculty Coordinator, Dr. Levine.

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 or Dr. Levine, Orthopaedic Service, ETMH.

**SUR 5282** 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 David E. Steflik, Ed.D., Director of Research, Orthopedic Surgery.

#### **Pediatrics**

SUR 5300 Pediatric Surgery

Location:	ETMH
<b>Enrollment:</b>	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 500) In addition, the student participates in all conferences, rounds and clinics. (Dr. Lionel Zumbro).

**SUR 5326** Thoracic and Cardiac Surgery Preceptorship (*Special Elective-Green Sheet*)

Location:	To be provided at time of registration
<b>Enrollment:</b>	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. (Dr. Lionel Zumbro).

#### **Plastic**

SUR 5375 Plastic Reconstructive Surgery

Location:	MCG Hospital
<b>Enrollment:</b>	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. K. Given)

**SUR 5376** Plastic Reconstructive Surgery Off Campus (*Special Elective-Green Sheet*)

Location:	Provided at time of Registration
<b>Enrollment:</b>	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. Given)

**SUR 5377** Plastic Surgery Memorial Medical Center (*Special Elective*)

Location:

Memorial Medical Ct., Savannah

<b>Enrollment:</b>	Maximum 6
Prerequisites:	SUR 5000
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.

#### 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
<b>Enrollment:</b>	1 Minimum 3 Maximum
Prerequisites:	SUR 5000
Duration:	One Month
Months Offered:	July through June

A four week patient care off campus elective which can be taken with a qualified urologist anywhere. The course content should about parallel SUR 5071. (Dr. R. Lewis)

School of Medicine | Medical College of Georgia

Please email comments, suggestions or questions to: Susan Porterfield, <u>sporterf@mail.mcg.edu</u>. June 07, 2000

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#### Catalog 2000

Medicine

#### **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 I 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

Α	OutstandingSuperior performance
В	GoodCommendable performance; work of good quality.
С	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. Copyright © 2000 Medical College of Georgia All rights reserved

#### **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu.</u> 01/29/01 Graduate Medical Education at the Medical College of Georgia

## Medical College of Georgia Graduate Medical Education (GME)

#### **Contact Information:**

GME Office, AE-3042 Medical College of GA 1120 15th Street Augusta, GA 30912 706 721-3052

# **Our Statement of Commitment to Graduate Medical Education:**

The Medical College of Georgia is committed to excellence in graduate medical education. This commitment is demonstrated by:

- Compliance with the Institutional Requirements of the Accreditation Council for Graduate Medical Education
- Assistance to programs in reaching compliance with ACGME Program Requirements
- Creating an environment which encourages education and scholarly activity.
- Conducting regular assessments of the graduate medical education programs
- Provision of appropriate resources for graduate medical education.



#### **General Information**

- <u>Residency Programs</u>
- <u>General Teaching Sites</u>
- Policies & Procedures:
  - Administrative
  - <u>Housestaff</u>
- Program Coordinator Information and Forms
- Useful Addresses
- Office of Recruitment and Retention

#### WWW Resources

- Educational Commission on Foreign Medical Graduates (ECFMG)
- ERAS, Electronic Residency Application Service
- <u>Accreditation Council for Graduate Medical Education</u> (ACGME)
- Other Useful Links

#### **Directories and Maps**

- President's Faculty List
- About MCG
- Augusta Map and Driving Directions

<u>A-Z Index</u> | <u>MCG Home</u>

- <u>Campus Map</u> and <u>Virtual Campus Tour</u>
- About Augusta, Georgia

#### **Medical College of Georgia**

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Please email comments, suggestions or questions to Holly Walp, <u>hwalp@mail.mcg.edu</u>. January 25, 2001

#### Medical College of Georgia

#### GME Home Page | A-Z Index | MCG Home

**Contact Information** GME Office, AE-3042 Medical College of GA

1120 15th Street Augusta, GA 30912 706 721-3052

Holly Walp hwalp@mail.mcg.edu Lynette Brege lynette@mail.mcg.edu Elizabeth Crans ecrans@mail.mcg.edu Diane Riffe driffe@mail.mcg.edu

#### **General Information**

- <u>Residency Programs</u>
- <u>General Teaching Sites</u>
- Policies & Procedures:
  - Administrative
  - <u>Housestaff</u>
- <u>Program Coordinator Information</u> and Forms
- <u>Useful Addresses</u>
- Office of Recruitment and Retention

#### WWW Resources

- Educational Commission on Foreign Medical Graduates (ECFMG)
- <u>ERAS, Electronic Residency</u> <u>Application Service</u>
- <u>Accreditation Council for</u> <u>Graduate Medical Education</u> (ACGME)
- Other Useful Links

#### **Directories and Maps**

• President's Faculty List

### **Residency Programs**

Medical College of Georgia Augusta, Georgia 30912

Anesthesiology Susan Dawkins, <u>sdawkins@mail.mcg.edu</u>

Emergency Medicine Carol Pogue, <u>cpogue@mail.mcg.edu</u>

Family Practice Julie Hammond, residency@mail.mcg.edu

Internal Medicine Kathy Kline, kkline@mail.mcg.edu

#### **Medicine - Subspeciality**

Allergy/Immunology Joan Fichtel, jfichtel@mail.mcg.edu

Medicine - Cardiology Sherry Mills, <u>smills@mail.mcg.edu</u>

Medicine - Dermatology Kim Monroe, <u>kmonroe@mail.mcg.edu</u>

Medicine - Endocrinology/Nutrition Lynnette Ellison, <u>lellison@mail.mcg.edu</u>

Medicine - Gastroenterology Patty Levins, <u>plevins@mail.mcg.edu</u>

Medicine - Hematology/Oncology Wendy Sullivan, <u>wsulliva@mail.mcg.edu</u>

Medicine - Infectious Diseases Catherine Prysiazny, <u>cprysiaz@mail.mcg.edu</u>

Medicine - Nephrology Patty Levins, <u>plevins@mail.mcg.edu</u>

Medicine - Pulmonary and Critical Care Medicine Carol Poston, <u>carolp@mail.mcg.edu</u>

Medicine - Rheumatology Lynnette Ellison, <u>lellison@mail.mcg.edu</u> Residency Programs at the Medical College of Georgia

- About MCG
- <u>Augusta Map and Driving</u> Directions
- <u>Campus Map</u> and <u>Virtual Campus</u> <u>Tour</u>
- <u>About Augusta, Georgia</u>

Neurology Brooke Weir, <u>bweir@neuro.mcg.edu</u>

Obstetrics and Gynecology Jill Westendick, jwestend@mail.mcg.edu

Ophthalmology Mary Crowley, mcrowley@mail.mcg.edu

Pathology Shannon Williford, <u>swillifo@mail.mcg.edu</u>

Pediatrics Sheryll Maddox, <u>smaddox@mail.mcg.edu</u>

#### **Pediatrics - Subspeciality**

Allergy/Immunology Joan Fitchel, jfitchel@mail.mcg.edu

**Pediatrics - Cardiology** Elizabeth Haynes, <u>ehaynes@mail.mcg.edu</u>

**Pediatrics - Critical Care** Lucinda Smith, <u>lsmith@mail.mcg.edu</u>

Pediatrics - Neonatalogy Tina Corbin, <u>tcorbin@mail.mcg.edu</u>

#### **Psychiatry**

Angie Kelley, apkelley@mail.mcg.edu

#### **Psychiatry - Subspeciality**

**Psychiatry - Child** Susan Bryan, <u>sbryan@mail.mcg.edu</u>

#### Radiology

Diagnostic Radiology Miriam Bockhold, <u>mbockhol@mail.mcg.edu</u>

**Surgery - General** Judy Tyler, <u>Jtyler@mail.mcg.edu</u>

#### **Surgery - Subspeciality**

Neurosurgery Ashley Davis, <u>asdavis@mail.mcg.edu</u>

Surgery - Orthopedic Dorothy Harmon, <u>dharmon@mail.mcg.edu</u>

Surgery - Otolaryngology Nancy Edenfield, <u>nedenfie@mail.mcg.edu</u> Surgery - Plastic Kathy Bowman, <u>kbowman@mail.mcg.edu</u>

**Surgery - Thoracic/Cardiac** Debra Clark, <u>dclark@mail.mcg.edu</u>

Surgery - Urology Debra Clark, <u>dclark@mail.mcg.edu</u>

**Oral and Maxillofacial Surgery** Angela Lanier, <u>alanier@mail.mcg.edu</u>

**GME Home Page | Medical College of Georgia** 

Please email comments, suggestions or questions to Holly Walp, <u>hwalp@mail.mcg.edu</u>

January 16, 2001

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#### Continuing Education | A-Z Index | MCG Home

#### **Continuing Education Conferences and Courses:**

Allied Health Sciences

<u>Dental</u>

Medical

Nursing

Correspondence

Internet

Research

# **MCG Continuing Education**

The Division of Continuing Education accredits courses presented by the Schools of <u>Allied Health Sciences</u>, <u>Dentistry</u>, <u>Medicine</u>, <u>Nursing</u> and <u>Graduate Studies</u>. The wide variety of programs offered during the year provides opportunities for healthcare professionals to earn the continuing education credits they need for state licensure requirements as well as maintaining membership in their respective professional societies.



#### **Mission Statement**

MCG Continuing Education is dedicated to providing quality higher educational experiences to meet the needs of health care professionals and to positively impact healthcare.

#### **Strengths of MCG Continuing Education Programs**

- An experienced faculty and staff consistently working to deliver a quality educational product
- Customer service oriented
- Central Continuing Education Office for all campus schools
- Experienced and nationally certified to offer CE/CME programs
- Evidenced based programs to meet changing needs of health care

#### **Educational Activities**

Conferences:

<u>Allied Health</u> Dentistry

Medicine Nursing

#### **Correspondence Courses:**

Current Views in Allergy and Immunology:

This series of programs, now in its twenty-third year, seeks to present current information on a variety of topics in allergy and immunology as requested by participants in the series.

#### Web/Internet Based Courses:

Oral Manifestations of HIV Infection

Concepts in Clinical Research (Coming Soon)

#### **Registration:**

Registration information is provided with each course description. Participants have the option to register by phone, mail, fax or directly online. The <u>Online Registration</u> <u>System</u> has a drop-down menu which allows you to select the course for which you want to register.

#### **Suggestions for Future Courses:**

If there is a specific course you would like to see offered by MCG Continuing Education, please forward that suggestion by e-mail to this address:

conedreg@mail.mcg.edu



#### Contacting MCG Continuing Education

Please contact us if you need information or have any questions. There are four ways to contact us:

Mail:Division of Continuing Education<br/>Medical College of Georgia<br/>Augusta GA 30912Phone:706 - 721 - 3967 or 800-221-6437Fax:706 - 721 - 4642E-mail:CONED@mail.mcg.edu

#### **Continuing Education Staff**

The staff members of Continuing Education will be responsive to assist you in your continuing education experiences, under the leadership of Dr. Kathy Bradley (Director) and Caro Cassels (Assistant Director).

Continuing Education Homepage | Medical College of Georgia

Please email comments, suggestions or questions to Richard Woodring, <u>rwoodrin@mail.mcg.edu</u>

January 29, 2001

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#### Continuing Education | A-Z Index | MCG Home

**Continuing Education Conferences and Courses:** 

Allied Health Sciences

Dental

Medical

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**Research** 

# Continuing Medical Education 2000/2001

- 23rd Annual <u>Allergy and Immunology</u> July 2000-June 2001 (Correspondence Course)
- James B. Hudson Annual Nephrology Update February 3, 2001
- **Primary Care and Family Practice Symposium** February 12-17, 2001 and repeated April 23-28, 2001
- Flexible Fiberoptic Sigmoidoscopy February 23-24, 2001
- 5th Annual
   Pediatric Advanced Life Support
   March 8-9; May 23-25; October 10-12, 2001
- **Progress in Infectious Diseases** March 17, 2001
- 25th Annual Ophthalmology March 23-24, 2001
- 3rd Annual Heart and Brain Attack April 6-8, 2001
- 2nd Annual Pathology Symposium April 21-22, 2001
- **Primary Care and Family Practice Symposium** April 23-28, 2001
- The Child with Neurologic Disabilities May 10-12, 2001
- Telemedicine Tutorial May 11, 2001
- Pediatric Advanced Life Support Instructor & Provider May 23-25, 2001
- Internal Medicine Recent Advances

June 25-30, 2001

- 21st Annual Obstetrics and Gynecology July 9-12, 2001
- Update in Diabetes Mellitus July 16-18, 2001
- 11th Annual Neurology for the Non-Neurologist July 19-21, 2001
- 5th Annual Medical and Surgical Approaches to GI Disorders July 23-27, 2001
- 24th Annual Pediatric Update July 23-26, 2001
- 23rd Annual Critical Care Medicine July 29-August 3, 2001
- Teaching Skills for Health Professions August 2-5, 2001
- 11th Annual Sleep Disorders August 15-18, 2001
- 7th Annual Georgia Statewide Telemedicine Conference September 23-25, 2001
- Pediatric Advanced Life Support October 10-12, 2001
- 8th Annual Primary Care Issues in Endocrine, Renal and Metabolic Disease October 26-28, 2001
- 5th Annual **Transcranial Doppler in Children with Sickle Cell Diseases** Date to be announced
- 5th Annual Transplant Symposium Date to be announced
- Oral Manifestations of HIV Infection
   Internet/web Course
- 24th Annual Allergy and Immunology

July 2001-June 2002 Correspondence Course

• GI Disorders

July 2001-June 2002 Correspondence Course

#### **Request for Further Information - Submit Online, Mail or Fax**

Detailed brochures for all of these courses are available approximately twelve weeks prior to the program date. If you would like to receive brochures for certain courses, please indicate the course title(s) below, and the brochures will be mailed to you as soon as they are printed.

Course Title(s)

1.			
2.			
3.			
4.			
5.			
6.			
7.			

Other courses are developed for presentation at community hospitals or medical societies in response to requests. If you would like assistance or additional information, please write or call the Division of Continuing Education. Phone: 800/221-6437 or 706/721-3967.

Name:	
Street:	
City:	
State:	Zip:

Specialty:

Or mail this form to: Division of Continuing Education Medical College of Georgia Augusta, GA 30912-1400 Phone: 800/221-6437 or 706/721-3967

*Or fax this form to:* **FAX: 706/721-4642** 

**Continuing Education Homepage | Medical College of Georgia** 

Please email comments, suggestions or questions to Lynn Hord, <u>lhord@mail.mcg.edu</u>

January 29, 2001

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Vice Dean Academic Affairs

Vice Dean Administration and Research

Vice Dean Clinical Affairs

Associate Dean Admissions and Student Affairs

Associate Dean Curriculum Associate Dean Graduate Medical Education

Associate Dean Graduate Studies

Associate Dean Special Academic Programs Associate Dean Veterans Affairs Medical Center Assistant Dean Clinical Affairs (Georgia Baptist Medical Center) Dr. Betty B. Wray (Interim) Dr. Ruth-Marie E. Fincher

\*\* Vacant \*\*

Dr. Daniel W. Rahn

Dr. Mason P. Thompson

Dr. T. Andrew Albritton

Dr. Ann Marie Flannery

Dr. Gretchen B. Caughman

Dr. Rosie Allen-Noble

Dr. Thomas W. Kiernan

Dr. Steven L. Saltzman

### Faculty

- <u>All</u>
- Primary Rank
- <u>Clinical/Adjunct</u>

### **Departments**

- Administration
- <u>Anesthesiology</u>

- <u>Administrative</u>
- Joint Rank
- Emeritus

- Biochemistry and Molecular Biology
- <u>Cellular Biology and Anatomy</u>
- Emergency Medicine
- Family Medicine
- <u>Medicine</u>
- <u>Neurology</u>
- Obstetrics and Gynecology
- <u>Ophthalmology</u>
- <u>Pathology</u>
- <u>Pediatrics</u>
- <u>Pharmacology and Toxicology</u>
- <u>Physiology</u>
- <u>Psychiatry and Health Behavior</u>
- <u>Radiology</u>
- <u>Surgery</u>

## Medical College of Georgia

Direct inquiries about faculty information to the <u>President's Office</u>. Comments or questions about the system? Contact <u>OIRI</u>. Copyright © 1998, Medical College of Georgia. All rights reserved. October 1999



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Antonov, Alexander S. MD PhD Arena, John G. PhD Arkin, Murray C. MD Arnder, Lance L. MD Arthur, Ansermo L. MD Assad, Ramzi T. MD Atherton, Sally S. PhD Atwell, Eddie A. MD Austin, Jack H. Jr. MD Austin, Mitchell B. MD Azar, Kenneth A. MD Bacak, Brian S. MD Bachinski, Matthew S.Z. MD Bagge, Richard W. MD Baibakov, Boris A. PhD Bailey, Thomas E. Jr. MD Bailey, Thomas E. Sr. MD Bains, Arvinder K. MBBS Baisden, C. Robert MD Baker, David H. MD Baker, R. Randall PhD Balan, Aparna V. PhD Balogh, Scott E. MD Bandisode, Madhukar S. MD Bankston, Stephen A. DMD Barbeau, Paule PhD Barefield, Tracy R. MD Barfield, William E. Jr. MD Barfield, William E. Sr. MD Bari, Shahnaz MBBS Barman, Scott A. PhD Barmore, Burton B. III MD Barnes, Vernon A. PhD

Barrett, J. Michael PhD Barrett, John T. Jr. PhD MD Barron, Mark R. PhD Bashinski, Benjamin III MD Bassali, Reda W. MBChB Bate, David M. MD Bates, Deborah J. MD Bates, William B. MD Battey, Louis L. MD Battu, Prabhakar MBBS Bauza-Armstrong, Jose A. MD Baxley, John B. III MD Baxter, Suzanne D. PhD Beall, Sharon P. MD Beard, Robert W. MD Becton, Elizabeth C. MD Becton, James L. MD Beeson, C. Walker II MD Beeson, Timothy N. MD Behzadian, M. Ali PhD Bell, Lorna E. MD Bell, Wyndolyn C. MD Bellam, Ram R. MBBS Benjamin, John T. MD Bennett, James W. MD Benson, James F. Jr. MD Berens, Sanford V. MD Berg, Gary W. MD Bergeron, Glynn A. MD Bergeron, Michael F. PhD Bergson, Clare M. PhD Berman, Earl J. MD Bernstein, Arnold MD

Bertrand, S. Leslie MD Besson, Cindy G. MD Besson, William T. III MD Betts, Eugene K. MD Bhatia, Jatinder J. S. MBBS **Bieberich**, Erhard PhD Bigger, John F. Jr. MD Billingsley, Gary M. MD Bilodeau, Paul A. MD Bishop, Craig E. DO Bivins, Harold A. Jr. MD Black, Maria M. MD Blackwell, Jane DNSc Blackwood, R. Adair MD Blalock, H. Sherman MD Blalock, Jack H. Jr. MD Blanchard, Amy R. MD Blount, Wade B. MD Bobadilla-Chumacero, Ever S. MD Boedy, R. Frederick MD Bollag, Roni J. PhD Bollag, Wendy B. PhD Bond, Gary C. PhD Bonsib, Stephen M. MD Booker, David L. MD Boone, Daniel H. MD Borquaye, Seth A. MD Boss, J. Larry MD Boudewyns, Patrick A. PhD Bowden, Talmadge A. Jr. MD Bowen, William L. Jr. MD Bowles, Stephen V. PhD Bowman, Mac A. MD

Boyd, Carl R. MD Branch, Clinton E. Jr. MD Brands, Michael W. PhD Brann, Darrell W. PhD Brannen, Alfred L. II MD Branyon, Donald L. Jr. MD Braswell, Lorraine C. PhD Brett, Miles E. MD Brice, John W. MD Bridges, E. Glenn MD Britt, Geneva W. MS Brogan, Rebecca S. PhD Bromer, Richard H. MD Brooks, Steven E. MD Brouillard, Mary E. PhD Brown, Charles F. MD Brown, Dale F. MD Brown, Jerry L. DO Brown, Robert F. Jr. MD Brown, Shilpa P. MD Brown, Stephen W. MD Brown, Walter J. Jr. MD Brudno, D. Spencer MD Brumund, Traci T. MD Bruno, Ralph D. PhD Bruns, William L. Jr. MD Bryan, Sean T. MD Buccafusco, Jerry J. PhD Buchanan, Ralph W. MD Buckley, Peter F. MB BCh BAO Budet-Bauza, Lynnette MD Bunyapen, Chantrapa MD Burch, Kenneth D. MD

Burgess, Russell E. MD Burgher-Jones, Janine E. MD Burke, George J. MD Burton, Kelvin B. MD Butler, Adrienne B. MD Butler, Heather D. MD Byck, David B. MD Byck, Peggy L. MD Byrd, M. Daniel MD Cadenhead, David J. MD Caldwell, Alice L. MD Caldwell, Robert W. PhD Caldwell, Ruth B. PhD Caldwell, William B. DO Calle, Roberto A. MD Calton, William C. Jr. MD Cameron, Patricia L. PhD Cameron, Richard S. PhD Cangialose, Charles B. PhD Caplan, Gerald E. MD Capuy, Halbert C. MD Carpenter, Steven L. MD Carrier, Gerald O. PhD Carroll, James E. MD Carter, A. Lee PhD Carter, David B. DMD Carter, Frank L. MD Carter, Jack W. DMD Carter, Kelli M. MD Carter, Larry W. MD Carter, Margaret F. MD Carter, Michael P. MD Caruana, Ralph J. MD

Casanova, Manuel F. MD Cassingham, Robert P. MD MPH Castresana, Manuel R. MD Catalano, Philip W. MD Catravas, John D. PhD Catto, Brian A. MD Caudell, Patricia B. MD Caughman, Gretchen B. PhD Chacko, Billy G. MBBS Chaffin, Charles L. PhD Chalker, Dan K. MD Chance, Camilla K. MD Chandler, A. Bleakley Jr. MD Chandler, Francis W. Jr. DVM PhD Chandler, Phillip R. PhD Chaudhary, Tesneem K. MBBS Cheeks, Eddie R. MD Chen, Xinbin PhD Cheng, Jianhua MD Cheng, Walter C. MSW Chew, Catherine S. PhD Chin, Jean E. MD Chisholm, Marie A. PharmD Chiu, Fung-Chow A. PhD Choe, Kwon S. MD Choudhri, Haroon F. MD Choudhri, Sohail A. MBBS Christian, Joe D. Jr. MD Christos, Ruth H. MN Claiborne, Maureen O. MD Clark, David M. MD Clark, Joseph H. MD Clark, Michael D. MD

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Templeton, Damon A. MD Terry, Alvin V. Jr. PhD Terry, Daniel B. Jr. MD Tharp, Jeffrey L. MD Thaxton, Paul M. MD Thevaos, Theo G. MD Thigpen, C. Mark MD Thigpen, Suzanne M. MD Thomas, David R. III MD Thomas, Dilip A. MD Thomas, Jeffrey A. MD Thomas, Luther M. Jr. MD Thomason, Jason W.W. MD Thompson, Mary L. M. MD Thompson, Mason P. MD Thompson, Stuart A. PhD Thoresen, Robert J. PhD Thornton, John W. III MD Thurmond, George W. MD Thyer, Bruce A. PhD Tiernan, Steven M. MD Tikare, Satyanarayana K. MBBS Tikare, Sneha MBBS MD Tindol, George A. Jr. MD Tinkelman, David G. MD Toland, A. Daniel DO Tollison, C. David PhD Tomlinson, Ronald L. MD Torch, Evan M. MD Torrance, Andrew W. MD Tran, Hong-Nhung MD Trapp, J. Douglas MD Treadway, Antwan L. DMD

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Wagner, Peggy Jo PhD Waldrep, Douglas A. MD Walker, George S. III MD Walker, Linda L. MD Wall, Albert M. III MD Wall, Donna M. MD Wall, Hilton F. MD Wallentine, Brett K. MD Waller, James T. MD Walter, Jonne B. MD Walters, Gordon E. MD Walters, Paul A. III PhD Wang, Xueyong PhD Wangsnes, Kraig M. MD Ware, Debra J. MD Waters, Donald B. MD Watkins, Patricia N. MD Watson, Benjamin L. MD Watts, Michael A. MD Weatherred, Ted W. MD Webb, Nancy C. PhD Webb, R. Clinton PhD Weiser, Harry C. MD Weisser, Lydia E. DO Wells, Larry J. DO Welsh, William J. MD West, John H. MD Weyermann, Andrea G. PhD Wheeler, George A. Jr. MD Wherry, Richard A. MD Whitaker, Elizabeth G. MD White, Christopher B. MD White, Richard E. PhD

Whitehouse, Alan B. MD Whitford, Gary M. PhD DMD Whitlock, Warren L. MD Wiggans, R. Glen MD Wilde, James A. MD Wiley, Daryl C. MD Wilkes, Leslie L. MD Wilkin, James H. MD Wilkowski, Michael J. MD Williams, Dennis G. MD Williams, Dennis G. MD Williams, G. Patrick MD Williams, George W. Jr. MD Williams, Hadyn T. MD Williams, James S. MD Williams, Marvin Jr. DO Williams, Roger S. MD Williams, Stewart A. MD Williamson, Eugene H. DDS Williford, Kathryn K. MD Willoughby, Michael L. MD Wilson, Russell A. MD Wilson, William R. Jr. MD Win, Than MBBS Winburn, Virginia B. MD Wingard, Christopher J. PhD Winship, Florence W. MD Wirth, Fremont P. MD Woeltje, Keith F. MD PhD Wolf, Charles R. III MD Wolk, Barry M. MD Work, Bruce A. Jr. MD Work, Janis A. PhD

Wray, Betty B. MD Wray, R. Christie Jr. MD Wrenn, Robert W. PhD Wrobel, Peter S. MD Wylie, William J. MD Wynn, James J. MD Wynn, Robert A. MD Xenakis, Stephen N. MD Yarbrough, John A. MD Yates, Laurie J. MHS Yates, Robert J. MHS Yeager, E. Stephen MD Yeckley, James A. MD Yeh, Karen A. MD Yodlowski, Edmund H. PhD Young, Jeanette S. EdD Young, Timothy R. DO Yount, Avis B. MD Yu, Jack C. DMD MD Yu, Robert K. PhD MedScD Yusuf, Bedri M. MD Zeng, Guichao PhD Zhang, Hanfang MD PhD Zhang, Ming MD MS PhD Zhong, Qing MS Zoller, Michael MD Zubowicz, Vincent N. MD Zumbro, G. Lionel Jr. MD deMent, Samuel H. MD

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## **Medical College of Georgia**

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. 01/29/01

# Medical College of Georgia School of Nursing

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BSN Program RN-BSN Program MN/MSN Program PhD Program

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AUGUSTA CAMPUS

997 St. Sebastian Way Augusta, Georgia 30912 (706) 721-3771

#### ATHENS CAMPUS

Kellett Building 1905 Barnett Shoals Road Green Acres Center Athens, Georgia 30605 (706) 542-7053

#### **BARNESVILLE CAMPUS**

Gordon College Room 210 Smith Hall 419 College Drive Barnesville, Georgia 30204 (770) 358-5304

#### COLUMBUS CAMPUS

4225 University Avenue Columbus, Georgia 31907-5645 (706) 568-2001

#### **Medical College of Georgia**

Please email comments, suggestions or questions to: Brenda Maddox, <u>bmaddox@mail.mcg.edu</u> January 11, 2001

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#### Catalog 2000

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### Admission Criteria

1. Admission is based on an overall grade point average and on the grade point average in the required <u>core curriculum</u> (minimum 2.50 GPA).

2. SAT or ACT scores must be submitted and should either be requested from <u>Educational Testing Service</u> or <u>ACT</u>, or should appear on the student's high school or college transcript (or other document submitted) for undergraduate applicants.

3. Assessment of the applicant's motivation and personal qualities needed to successfully complete the program.

4. Two letters of recommendations.

5. Applicants whose first language is not English must submit official <u>TOEFL</u> scores. A minimum score of 550 is required for admission consideration.

## **Application Procedures**

Application forms with instructions for completing admission procedure may be obtained from the <u>Office of Academic Admissions</u>. Applications will continue to be received until the class has been filled. 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 <u>Office of Academic</u> <u>Admissions</u> for additional information and an application.

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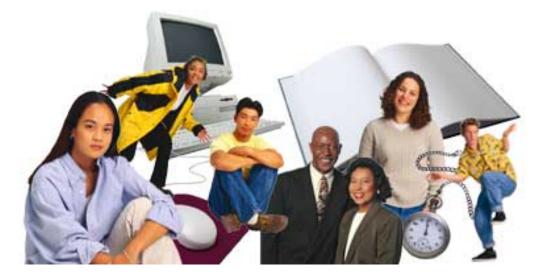
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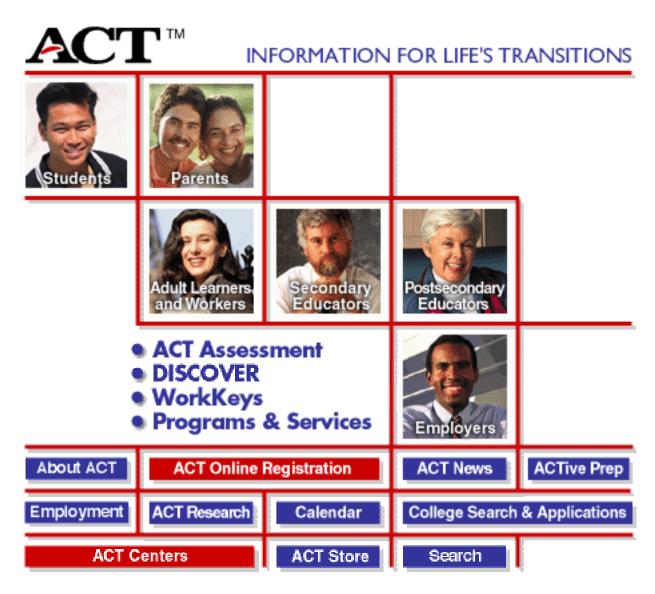
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# Technical Standards for Admission to and Retention in the Undergraduate Program

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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## **Transfer Credit**

The institutional <u>transfer credit policy</u> 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 <u>core curriculum</u> 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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#### **Estimated Fees and Expenses**

In addition to <u>matriculation and other fees</u> 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.

#### **Medical College of Georgia**

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Nursing

#### **Bachelor of Science in Nursing Curriculum**

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.** 

Junior Year		
Summer		Credit Hours
NUR 3100	Principles of Professional Nursing Practice	6
	Semester Total	6
Fall		
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 Begining Family	5
NUR 3104	Lifespan II: Nursing Care of the Young Family	5
	Semester Total	15
Spring		
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
	Semester Total	15
	_	
Senior Year		

## MCG Catalog - Nursing Tech Standards

Fall		
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
	Semester Total	15
Spring		
Spring NUR 4401	Foundations IV: Health Care Leadership, Management and Partnerships in Community Based Care	3
		3
NUR 4401	Partnerships in Community Based Care	
NUR 4401 NUR 4402	Partnerships in Community Based Care Professional Nursing Practice	9

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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 <u>Regents Testing Program Examination</u>, 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.



# Medical College of Georgia Guide to Course Descriptions

**Disciplines for School of Nursing** 

Discipline	Prefix
Nursing	NUR

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Catalog - Course Listing

## NUR3100. Principles of Professional Nursing Practice

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 Practice

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 I

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

## NUR3103. Lifespan I: Nursing Care of the Beginning

## Family

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

5 credit hours

6 credit hours

2 credit hours

3 credit hours

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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

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

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

5 credit hours

Grading System: ABCDF

## NUR3203. Lifespan III: Nursing Care of the Middle Family

NUR3202. Pathophysiology and Pharmacology II

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.

3 credit hours

# NUR3204. Lifespan Iv: Nursing Care of the Mature Family

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

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

## NUR4302. Professional Nursing Management of Individuals and Families Experiencing Complex Health Problems

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

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

3 credit hours

9 credit hours

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NUR4402. Professional Nursing Practice

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.

## NUR4500. Independent Study

Prerequisite: None

Catalog - Course Listing

## NUR4501. Independent Study

Prerequisite: Senior level status

## NUR4602. Substance Abuse Nursing

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

3 credit hours

NUR4603. Nutrition in Clinical Nursing 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

Prerequisite: Senior level status

3 credit hours

Grading System: ABCDF

Grading System: Satisfactory/Unsatisfactory

1 - 6 credit hours

1 - 6 credit hours

Grading System: ABCDF

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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.

## NUR4605. Issues in Women's Health Care

Prerequisite: Completion of all Junior Level courses

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.

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

Grading System: ABCDF

3 credit hours

3 credit hours

3 credit hours

NUR4607. Nursing Care of the Client with Dysrhythmias

Prerequisite: Senior level status

NUR4606. Perioperative Nursing

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

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

## NUR4608. Concepts of Rural Nursing

3 credit hours

Grading System: ABCDF

Catalog - Course Listing

## NUR4609. Nursing Management of the Patient with HIV Disease

## Prerequisite: Senior level status

NUR4610. School Health Nursing

individuals, families and groups.

Prerequisite: Senior level status

Prerequisite: Completion of NUR 3100

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.

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

The purpose of this course is to provide the students the opportunity to explore an entrepreneurship

Grading System: ABCDF

3 credit hours

Grading System: ABCDF

Grading System: ABCDF

3 credit hours

3 credit hours

Grading System: ABCDF

## NUR4613. Assessment of Parent-Child Interactions

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

## 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

NUR4611. Entrepreneurship in Nursing

## NUR4612. Nursing in Human Loss and Grieving

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 an 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.

3 credit hours

Catalog - Course Listing

## NUR4614. Principles of Oncology Nursing

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

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

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.

The purpose of this course is to provide the student with a unique learning opportunity to build on

Grading System: ABCDF

3 credit hours

3 credit hours

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

Grading System: ABCDF

3 credit hours

3 credit hours

## NUR4618. Critical Care Nursing

care of the patient and his/her family

NUR4617. Adult Nursing Externship

Prerequisite: Completion of all junior level courses

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**

Prerequisite: Completion of all junior level courses

3 credit hours

http://www.oiri.mcg.edu/catalog/coursedesc.asp?cpref=NUR&cschool=Nursing (8 of 11) [01/31/2001 10:28:48 AM]

Catalog - Course Listing

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 Approach

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

6 credit hours

3 credit hours

**NUR4621. Principles of Oncology Nursing** 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

3 credit hours

## **NUR4622. High-Risk Neonatal Nursing** 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

3 credit hours

**NUR4623. Spirituality in Nursing** 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 are and assist them to identify and develop their own spiritual nursing practices.

Grading System: ABCDF

Catalog - Course Listing

## NUR4624. Forensic Nursing: Online

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

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

3 credit hours

NUR4626. Patient, Family and Staff Education 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.

NUR4627. Topics in Obstetric Nursing

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

Prerequisite: Completion of all junior level courses

2 credit hours

Grading System: ABCDF

3 credit hours

Catalog - Course Listing

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.

## NUR4629. Nicotine Addiction and Treatment Strategies

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

Grading System: ABCDF

6 credit hours

6 credit hours

3 credit hours

3 credit hours

**for the Individual and Family** Prerequisite: Admission to RN-BSN or RN-MSN/MN Program

NUR4993. Health Appraisal and Promotion Activities

The 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

## NUR4994I. Synthesis in Professional Nursing

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

## NUR4995. Professional Issues

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

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# **School of Nursing**

# Administration

Dean Nursing

Associate Dean Academic Programs Associate Dean Research Dr. E. Gerald Bennett (Interim) Dr. Katherine E. Nugent Dr. Virginia H. Kemp

# Faculty

- <u>All</u>
- Primary Rank
- <u>Clinical/Adjunct</u>

## **Departments**

- Administration
- Adult Nursing
- Community Nursing
- Mental Health/Psychiatric Nursing
- Parent-Child Nursing

- Administrative
- Joint Rank
- Emeritus

## Medical College of Georgia

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# **All Faculty in School of Nursing**

Abdulla, Abdulla M. MBBS Alba, Sheryl R. MSN Amendolair, Darlene M. MA Andrews, Jeannette O. MSN Anna, David J. MSN **Bari, Shahnaz MBBS** Baumann, Martha A. MSN Bedingfield, Amy P. MSN Behr, Julia L. MSN Belger, Peggy C. MSN Bennett, E. Gerald PhD Bennett, Sharon M. MN Bentley, Gayle W. MSN Berding, Christine B. MSN Bledsoe, Donna S. MS Boyle, Joyceen S. PhD Bradshaw, Martha J. PhD Brooks, Patricia A. MS Brown, David G. MS Brown, Jerry L. DO Bunting, Sheila M. PhD Burnes, Carol A. MSN Bush, Lisa N. MN Carter, Georgia B. MA Cassingham, Robert P. MD MPH Catalano, Patricia A. MSN Chambers, Donna M. MS Chernecky, Cynthia C. PhD Childs, Gwendolyn D. MSN

Christos, Ruth H. MN Cofer, Angela I. MSN Cook, Pamela P. MSN Cranfill, Barry A. MHS Cunningham, Benna E. MS Daley, Lydia L. MSN Daniels, Elizabeth B. MN Davidson, Bernard PhD Davis, Kwanghee MSN Dever-Bumba, Maureen L. MSN DiDonato-Gonzalez, Caroline MSN Dougherty, Susan W. MS Dubin, Stevin A. MD Enelow, Cathy T. MN Farris, Lee A. MSN Fick, Donna M. PhD Forney, Paul D. MD Fuqua, Anita M. MSN Gramling, Lou F. PhD Green, Cathy L. MSN Griffith, Cynthia L. MHS Grimm, Jenny M. MSN Haas, Richard E. MS Hadsell, Michael J. MD Harrell, Lori M. MN Harris, Meredith L. MSN Hatmaker, Debra D. PhD Havens, Robyn L. MS Hooper, Vallire D. MSN Horan, Christine P. MSN Hubbard, Linda B. MSN Jackson, Lorraine W. MSN Johns, Robin F. MSN

Johnson, Linda L. MN Kepshire, Robert J. MS Kiernan, Barbara S. PhD Kinder, Jacquelyn S. EdD Kolanowski, Ann M. PhD Lloyd, Robert G. MHS Lupien, Alfred E. PhD Lupien, Donna MHS Lynch-Hayes, Patricia MSN Maclean, J. Ross MD MSc Maeve, M. Katherine PhD Martel, Linda G. MN Masiongale, James I. MHS Massello, Laura N. MSN Maule, Sandra M. MSN Messer, Rosa W. MSN Miller, Jacqueline S. MSN Moen-Nogueras, Cynthia S. MN Monti, Elizabeth J. MSN Morrison, B. Faye MSN Moss, Patricia B. MSN Murdock, Eugene J. Jr. MSN Murphy, Marguerite J. MS Nugent, Katherine E. PhD Painter, Susan G. MS Park, Mary Anne MSN Patterson, Duane L. PhD Pirie, Elizabeth MEd Pless, Betsy S. PhD Preston, Patricia MN Price, Paula F. MSN Pursley-Crotteau, M. Suzanne PhD Quinn, Mary Ellen B. PhD

Ravenell, Kathy B. MS Revolinski, Patricia H. MSN Rikli, Patricia A. PhD Robertson, Rose E. MSN Robinson, Carole C. MPH Rule, Rebecca A. MN Salzer, Judith S. MS Sansbury, Barbara P. MS Saunders, Jana C. PhD Schumacher, Lori B. MS Sibley, Deborah MSN Smith, Deborah A. MSN Sparks, J. Martin MSN Sprague, Thomas E. MA Stark, Nancy L. MSN Stern, Phyllis N. DNS Taylor, A. Thomas PharmD Thelan, Elizabeth Z. MN Till, Alice H. MSN Tingen, Martha S. PhD Towner, Susan B. MSN Troy, Nancy W. PhD Turner, Saundra L. EdD Waters, Candace C. MSN Welch, Christopher W. PhD Whitfield, Margaret R. MSN Williamson, Nancy D. PhD Winger, Leland H. Jr. MSN Wren, Kathleen R. PhD Wren, Timothy L. MS Wright, Lore K. PhD Yates, Laurie J. MHS Yates, Robert J. MHS

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Catalog 2000

**General Information** 

Academic Calendars

Allied Health Sciences Dentistry Graduate Studies Medicine Nursing

Research Library MCG Faculty

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# 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.

- <u>School of Allied Health Sciences</u>
- School of Dentistry
- <u>School of Graduate Studies</u>
- School of Medicine
- School of Nursing

# Medical College of Georgia

Please email comments, suggestions or questions to: David Tucker, <u>dtucker@mail.mcg.edu</u>. January 2000



# Research

has a strong commitment to

providing an environment to

foster research growth in the

develop strategies to promote

sciences research university

(Growing Research at MCG).

**Biomedical Research Council and Seminars** 

**Core Facilities** 

Community of Science

Institutes and Academic / **Research Centers** 

President's Faculty List

**Postdoctoral Affairs** 

**Graduate Studies** 

# **SMURP / McGURP** MCG Undergraduate

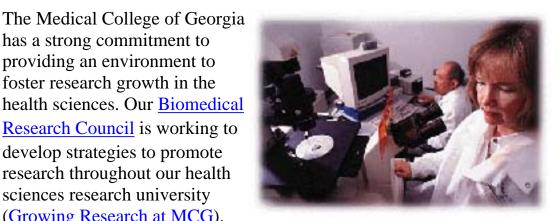
**Research Programs** 

# **Research Support**

- Biological Safety
- Chemical Safety
- Copyright / Technology Transfer
- Funding Opportunities
- Greenblatt Library
- Human Assurance Committee (IRB)
- Intramural Programs
- Purchasing
- Radiation Safety

# **Research Administration**

- Animal Care & Use
- Biostatistics & Bioinformatics
- Clinical Trials Compliance
- Grants and Contracts



MCG is facilitating copyright and technology transfer initiatives to increase intellectual property and patent activity. Several intramural programs have been established to help faculty obtain extramural research support.

The <u>President's Faculty List</u> cites faculty members' research interests. Information can also be found on core facilities and services, details about MCG research institutes and centers, research-related policies, funding opportunities for extramural and intramural grants, and other research support.

I welcome feedback regarding the Research Directory for the Medical College of Georgia.

> Matthew J. Kluger, PhD, MBA Vice President for Research and Dean of the School of Graduate Studies

# **Research-Related Policies**

- Conflict of Interest
- Guidelines for Authorship
- <u>HAC Policies &</u>
   <u>Procedures</u>
- Intellectual Property
- Outside Professional
   <u>Activity</u>
- <u>Research Misconduct</u>



# **Medical College of Georgia**

Please email comments, suggestions or questions to Dr. Matthew Kluger, <u>mkluger@mail.mcg.edu</u> October 30, 2000

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# **Research Support**

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- Funding Opportunities
- Greenblatt Library
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- Intramural Programs
- Purchasing
- Radiation Safety

# **Research Administration**

- Animal Care & Use
- Biostatistics
- <u>Clinical Trials</u>
   <u>Compliance</u>
- Grants and Contracts

# **Biomedical Research Council**

# Biomedical Research Council Strategic Plan

The Biomedical Research Council (BMRC) is made up of faculty members representing all of the schools at the Medical College of Georgia. It is chaired by the Vice President for Research, Matthew Kluger. The BMRC's primary goals are to identify key research areas in which to focus resources, to assist in the identification and recruitment of faculty into strategic research areas, and to develop and implement a plan for investing our limited resources.

All faculty are encouraged to communicate with any of the BMRC members shown below so that emerging issues may be brought to the Council.

# **Biomedical Research Council Members**

Sally S. Atherton, PhD	School of Medicine
Gerald E. Bennett, PhD	School of Nursing
Jatinder J.S. Bhatia, MBBS	School of Medicine
John D. Catravas, PhD	School of Medicine
Raymond K. Chong, PhD	School of Allied Health Sciences
William S. Dynan, PhD	School of Medicine
Lawrence C. Layman, MD	School of Medicine
Andrew L. Mellor, PhD	School of Medicine
Anthony L. Mulloy, PhD, DO	School of Medicine
Sylvia B. Smith, PhD	School of Medicine
Arthur A. Taft, PhD	School of Allied Health Sciences
Frank A. Treiber, PhD	School of Medicine
John C. Wataha, DMD, PhD	School of Dentistry
R. Clinton Webb, PhD	School of Medicine
Robert K. Yu, PhD MedScD	School of Medicine
Betty Aldridge, BA	Grants and Contracts
Kelly M. Calloway	School of Medicine Administration
J. Malcolm Kling, DVM, PhD	School of Medicine
Matthew J. Kluger, PhD., MBA	Vice President for Research and Dean, Graduate Studies

**Biomedical Research Council** 

# **Research-Related Policies**

- <u>Conflict of Interest</u>
- <u>HAC Policies &</u> Procedures
- Intellectual Property
- Outside Professional
   <u>Activity</u>
- Research Misconduct

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Please email comments, suggestions or questions to: Matthew J. Kluger, <u>mkluger@mail.mcg.edu.</u> November 09, 2000 Robert B. Greenblatt, M.D. Library

Medical College of Georgia

# **Robert B. Greenblatt, MD Library**

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# About the Library

Ask a Reference Question

**Electronic Resources** 

**Family Resource Library** 

**Services and Programs** 

Strategic Plan

**Suggestion Box** 

**User Aids** 

# **Position Vacancies**

**Clinical Services Librarian** 

**Education Services Coordinator** 

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 1300 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.



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# **Medical College of Georgia**

Please email comments, suggestions or questions to: Lyn Dennison, <u>ldenniso@mail.mcg.edu</u> January 17, 2001



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# **President's Faculty List** *World Wide Web Version*

A cooperative effort of the President's Office and the Office of Institutional Research and Information

Since its inception in the early 1970s, the President's Faculty List has served as the Medical College of Georgia's official listing of Board of Regents- and/or institutionally-approved faculty. This electronic system, modeled after the printed faculty list, provides the campus with an easily accessible and accurate reference for the names, degrees, ranks, titles, associated departments, and sections of each faculty member.

An additional enhancement is the inclusion of searchable teaching, research, and clinical activities fields that are maintained by individual faculty. Use the links at the left to view the alphabetical, campus, and emeritus lists or to search for faculty.

To update your faculty record, you must have a Medical College of Georgia barcode affixed to your identification card. This alphanumeric code serves as your password. If you do not have a barcode, you will need to visit the Greenblatt Library to obtain one. For any other technical assistance, contact the Office of Institutional Research and Information at 721-2703.

# Medical College of Georgia

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**Alphabetical List** 

Click on one of the letters below to view a list of **all** Medical College of Georgia faculty members with last names beginning with that letter.

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# **Alphabetical List for**

"**A**"

Abdel-Latif, Ata A. PhD Abdelsayed, Rafik A. DDS MS Abdulla, Abdulla M. MBBS Abebe, Worku PhD Abou-Mohamed, Gamal A. PhD Acevedo, J. Harold MD Ackerman, Larry L. MD Adair, Steven M. DDS MS Adams, Bryan L. MBA Adams, Francis W. Jr. DMD Adams, Lanier H. DO Adams, Robert J. MD Addiss, David G. MD MPH Ades, Edwin W. PhD Ahmed, Rafique MBBS PhD Ahmed, Shilpi MBBS Akhtar, Rashid A. PhD Akins, William A. MS Alba, Sheryl R. MSN Albrecht, Nettie N. PhD Albright, Daphne G. PhD Albritton, Josephine MD Albritton, T. Andrew MD Alderman, Emery J. Jr. DDS Aldridge, Betty BA Alex, Glenn C. DMD Alexander, Tamra J. PharmD

Ali, Mohammed M. PhD Allen, David C. MD Allen, Kimberly E. MS Allen, Virginia R. EdD Allen-Noble, Rosie EdD Allison, Jerry D. PhD Allsbrook, William C. Jr. MD Alperin, Henry MD Amendolair, Darlene M. MA Anders, David L. MD Anderson, Emily D. MHEd Anderson, Gail C. AMLS Anderson, Jennifer B. BS Anderson, Mark G. PhD Andrews, Jeannette O. MSN Andrews, William M. MA Anfinson, Scott M. MD Angeid-Backman, Elin MD Angeletti, J. Fred Jr. DMD Anna, David J. MSN Anstadt, Mark P. MD Antoine, Scott R. DO Antonov, Alexander S. MD PhD Arazie, Joan C. BS Arena, John G. PhD Arkin, Murray C. MD Arnder, Lance L. MD Arnette, Ann H. MHEd Aronson, I. Leon DDS Arp, Charles R. DDS Arthur, Ansermo L. MD Ash, J. Michael PhD Ashcraft, Deborah A. DMD

Assad, Ramzi T. MD Atherton, Sally S. PhD Atwell, Eddie A. MD Austin, Jack H. Jr. MD Austin, Mitchell B. MD Azar, Kenneth A. MD

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**"B**"

Bacak, Brian S. MD Bachinski, Matthew S.Z. MD Bagge, Richard W. MD Baibakov, Boris A. PhD Bailey, Thomas E. Jr. MD Bailey, Thomas E. Sr. MD Bains, Arvinder K. MBBS Bairas, Diane S. BS Baisden, C. Robert MD Baker, David H. MD Baker, Philip S. DDS Baker, R. Randall PhD Baker, Susan J. DMD Balan, Aparna V. PhD Balogh, Scott E. MD Bandisode, Madhukar S. MD Bankston, Stephen A. DMD Bannon, Michelle D. BS Barbeau, Paule PhD Barber, Robert L. BS Barefield, Tracy R. MD Barenie, James T. DDS Barfield, William E. Jr. MD Barfield, William E. Sr. MD Bari, Shahnaz MBBS Barman, Scott A. PhD Barmore, Burton B. III MD

Barnes, Vernon A. PhD Barnett, Janet E. BS Barrett, J. Michael PhD Barrett, John T. Jr. PhD MD Barron, Mark R. PhD Barshafsky, Deborah L. MEd Bartee, Lacy H. Sr. MS Barthel, Dixon C. MA Bashinski, Benjamin III MD Bassali, Reda W. MBChB Bate, David M. MD Bates, Deborah J. MD Bates, William B. MD Battey, Louis L. MD Battu, Prabhakar MBBS Baumann, Martha A. MSN Bauza-Armstrong, Jose A. MD Baxley, John B. III MD Baxter, Suzanne D. PhD Bays, Robert A. DDS Beall, Sharon P. MD Beard, Robert W. MD Becton, Elizabeth C. MD Becton, James L. MD Bedingfield, Amy P. MSN Beeson, C. Walker II MD Beeson, Timothy N. MD Behr, Julia L. MSN Behzadian, M. Ali PhD Belger, Peggy C. MSN Bell, Lorna E. MD Bell, Wyndolyn C. MD Bellam, Ram R. MBBS

Benjamin, John T. MD Bennett, E. Gerald PhD Bennett, James W. MD Bennett, Kathryn M. BS Bennett, Sharon M. MN Bennett, T. Reppard DMD Benson, James F. Jr. MD Bentley, Gayle W. MSN Berding, Christine B. MSN Berens, Sanford V. MD Berg, Gary W. MD Berge, Donavon D. DDS Bergeron, Glynn A. MD Bergeron, Michael F. PhD Bergson, Clare M. PhD Berman, Earl J. MD Bernstein, Arnold MD Bertrand, S. Leslie MD Besson, Cindy G. MD Besson, William T. III MD Betts, Eugene K. MD Bhatia, Jatinder J. S. MBBS Bieberich, Erhard PhD Bigger, John F. Jr. MD Billingsley, Gary M. MD Billman, Michael A. DDS Bilodeau, Paul A. MD Bingham, Kay H. BS Bishop, Craig E. DO Bishop, Suzanne C. DMD Bivins, Harold A. Jr. MD Black, Katherine A. BS Black, Maria M. MD

Blackwell, Jane DNSc Blackwood, R. Adair MD Blalock, H. Sherman MD Blalock, Jack H. Jr. MD Blalock, John S. DMD Blanchard, Amy R. MD Blass, Allen J. DDS Bledsoe, Donna S. MS Blevins, Keith S. DDS Blount, Latimer DDS Blount, Wade B. MD Bobadilla-Chumacero, Ever S. MD Bodden, Martin K. DMD Bodenheim, Mark B. DDS Boedy, R. Frederick MD Bollag, Roni J. PhD Bollag, Wendy B. PhD Bond, Gary C. PhD Bonsib, Stephen M. MD Booker, David L. MD Boone, Daniel H. MD Borke, James L. PhD Borquaye, Seth A. MD Boss, J. Larry MD Boudewyns, Patrick A. PhD Bouffard, Alphee J.T. DDS Bowden, Talmadge A. Jr. MD Bowen, William L. Jr. MD Bowles, Stephen V. PhD Bowman, Mac A. MD Boyd, Carl R. MD Boyd, Michael B. DMD Boyle, Joyceen S. PhD

Boyter, Charles H. MS Bradley, Kathy P. EdD Bradshaw, Martha J. PhD Branch, Clinton E. Jr. MD Brands, Michael W. PhD Brann, Darrell W. PhD Brannen, Alfred L. II MD Branyon, Donald L. Jr. MD Braselton, James A. DMD Braswell, Lorraine C. PhD Bregman, Tammy L. DMD Brett, Miles E. MD Brice, John W. MD Bridges, E. Glenn MD Britt, Geneva W. MS Brogan, Rebecca S. PhD Bromer, Richard H. MD Brooks, Patricia A. MS Brooks, Steven E. MD Brouillard, Mary E. PhD Brown, Charles F. MD Brown, Dale F. MD Brown, David G. BS Brown, David G. MS Brown, Jerry L. DO Brown, Nathaniel A. BS Brown, Robert F. Jr. MD Brown, Shilpa P. MD Brown, Stephen W. MD Brown, Walter J. Jr. MD Browning, William D. DDS MS Brudno, D. Spencer MD Brumund, Traci T. MD

Bruno, Ralph D. PhD Bruns, William L. Jr. MD Bryan, Sean T. MD Buccafusco, Jerry J. PhD Buchanan, Ralph W. MD Buckley, Peter F. MB BCh BAO Buckner, Wendy S. MHEd Budet-Bauza, Lynnette MD Bunn, Gerald T. DDS Bunting, Sheila M. PhD Bunyapen, Chantrapa MD Burch, Kenneth D. MD Bures, Joseph K. BS Burg, Hans A. DDS Burgess, Russell E. MD Burgher-Jones, Janine E. MD Burke, George J. MD Burnes, Carol A. MSN Burton, Kelvin B. MD Bush, Chad A. DMD Bush, Lisa N. MN Butler, Adrienne B. MD Butler, Heather D. MD Butterbaugh, Randy R. EdD Buxton, Thomas B. PhD Byck, David B. MD Byck, Peggy L. MD Byrd, M. Daniel MD

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Chernich, Dale M. BA Chestnut, Sharon K. BS Chew, Catherine S. PhD Childs, Christopher D. DMD Childs, Gwendolyn D. MSN Chilton, Simona G. BS Chin, Jean E. MD Chinn, Robert C. DMD Chisholm, Marie A. PharmD Chiu, Fung-Chow A. PhD Choe, Kwon S. MD Chong, Raymond K. PhD Choudhri, Haroon F. MD Choudhri, Sohail A. MBBS Christian, Joe D. Jr. MD Christos, Ruth H. MN Cibirka, Roman M. DDS Claiborne, Maureen O. MD Clark, David M. MD Clark, Joseph H. MD Clark, Michael D. MD Clark, Robert M. DO Clark, Sarah L. MD Clark, Spurgeon C. III MD Clark, William L. Jr. MD Clarke, Mark S.F. PhD Clay, Cassius M. SM Clepper, Douglas P. DMD Cobb, Donald K. MD Cobb, W. Neal DDS Cofer, Angela I. MSN Cohen, Marc S. MD Cohen, Morris J. EdD

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Cranfill, Barry A. MHS Crawford, Allison E. MD Crawford, Marynell BS Crawley, Debra L. MD Creazzo, Tony L. PhD Creel, Teru A. MS Creelan, Marilee S. MLS Cresci, Anthony B. II DPM Crimmins, Laurence T. MD Crosby, John H. MD Cross, David A. MD Crow, Robert W. MD Crowe, Roy E. Jr. DDS Crowther, Melissa F. BS Crumrine, Robert S. MD Cuartas, Francisco I. MD Cue, Jorge I. MD Cuenin, Michael F. DMD Cundey, Paul E. Jr. MD Cunningham, Benna E. MS Curry, Reva A. PhD Curtis, James W. Jr. DMD

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Finkbeiner, Robert V. MS Finkel, Robert A. DDS Finnegan, Robert F. MD Fischer, Asma Q. MBBS Fischer, Paul M. B. MD Fishbein, Sumner L. MD Fisher, Emile T. DDS Fisher, John F. MD Fisher, Lyle E. Jr. MD Fitch, Margaret H. MD Fitts, Thomas J. Jr. MEd Fiveash, Arlie E. MD Flannery, Ann Marie MD Flannery, David B. MD Flournoy, Edwin E. MD Floyd, David T. MD Flynt, Thomas H. PharmD Foerster, John E. MFA Forbes, E. Faye BS Forbes, L. Andrew BA Forney, Mary Ann PhD Forney, Paul D. MD Forsyth, Mary K. MD Fortson, Weston M. Jr. DMD Foshee, William S. MD Foss, John T. BS Foster, Gregory A. MD Foster, James A. MD Fournier, Joseph A.A. MSW Foushee, Karen M. MD Fowler, John E. MD Franklin, Mary Ellen EdD Fraysure, Paul W. Jr. DMD

Frazier, Kevin B. DMD Freant, Lawrence J. MD Freedman, Murray A. MD Freeman, Charles Jr. MD Freeman, Davidson L. MD Freeman, James K. MD Frentzel, Michael BS Frey, Joseph III PhD Friedman, Bruce MD Friedman, Michael S. MD Friedmann, Ann K. MD Fuchs, Leslie C. PhD Fuhrman, Steven A. MD Fulcher, S. Marcus MD Fuller, Gary K. MHEd Fullerton, Leroy R. Jr. MD Fuqua, Anita M. MSN

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Gore, Johnathan R. MD Gossage, James R. Jr. MD Gowda, Sridhar MBBS Graf, Thomas R. MD Graham, Ronal D. DDS Gramling, Lou F. PhD Granade, James A. III DMD Granade, James A. Jr. DDS Graven, Richard M. MD Gray, Otis L. Jr. MD Green, Cathy L. MSN Green, Charles G. Jr. MD Green, Mark S. MS Greenberg, Joel A. MD Greenberg, Martin H. MD Greene, James T. MD Greever, C. Martin MD Griffin, Howard A. Jr. MD Griffin, Louie H. Jr. MD Griffin, Sheila A. MLIS Griffin, Shelley A. MD Griffith, Cynthia L. MHS Grimm, Jenny M. MSN Grimsley, Edwin W. MD Gropper, Jerome M. DDS Gross, Hartmut MD Grubbs, Kenneth DDS Grunther, Ira A. BS Guill, Margaret F. MD Guill, Marshall A. III MD Guinn, John W. III DDS Gujral, Jaspal S. MBBS Gulati, Adarsh K. PhD

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Harbeson, Ellen W. BS Hardy, Linda B. DO Harlow, Susan MS Harmon, John D. MD Harmon, Robert L. MD Harper, Harry T. III MD Harper, Rene J. MD Harrell, Dean U. MD Harrell, Lori M. MN Harris, Donald W. PhD Harris, Hugh C. DMD Harris, James A. MD Harris, James T. MS Harris, Jeffrey L. MD Harris, Meredith L. MSN Harrison, Steven J. MS Harshfield, Gregory A. PhD Hartlage, Patricia L. MD Hartley, John H. Jr. MD Hartney, Thomas J. MD Harvey, John S. MD Harvey, Queen S. BS Hastings, Jessie G. BS Hatch, Richard MD Hatley, Robyn M. MD Hatmaker, Debra D. PhD Hauenstein, Julia P. MD Havens, Robyn L. MS Haverstock, Susan L. MD Hawes, Robert J. MD Hawkins, B. Lee DDS Hawkins, David W. PharmD Hawkins, Michael L. MD

Haynes, Michael S. MD Haysman, Melvin L. MD Haywood, Van B. DMD Hedrick, Fred Jr. DMD Heesch, Christian M. MD Heilman, David W. MD Heimer, William L. II MD Helman, Sandra W. PhD Hemphill, J. Michael MD Henderson, Linda F. BS Hendrich, Julia E. MD Hendricks, Linda K. MD Hendrickson, Judith A. OD Hendry, Lawrence B. PhD Henemyre, Claudia L. PhD Herman, Wayne W. DDS Hernlen, Kathleen M. MBA Herskowitz, Ian C. MD Herzwurm, Paul J. MD Hess, David C. MD Hesser, Alfred W. EdD Hessler, Richard B. MD Hester, Thomas W. MD High, James A. DDS Hightower, Richard R. MD Hill, James J. Jr. MD Hill, Michael W. BS Hill, W. David II PhD Hillson, Willie J. MD Hinely, Lewis J. Jr. EdD Hines, Franklin B. III DMD Hines, Franklin B. Jr. DDS Hinson, J. Greg MD

Hinz, Ellen R. BS Hobbs, Calvin L. MD Hobbs, Joseph MD Hobby, Henry M. MD Hobdy-Henderson, Karen C. PharmD Hodges, Thomas I. Jr. DDS Hoffman, Wayne K. MD Hoffman, William H. MD Hogan, Donald W. DDS Hogue, W. Larry MD Hokett, Steven D. DDS Holbrook, Karen A. PhD Holloway, John T. MD Holmes, Robert G. DMD Holt, Larry R. DDS Holton, Isaac F. Jr. DMD Holzhauer, Ann M. DDS Honeycutt, Wayne T. MD Hooks, Vendie H. III MD Hooper, Vallire D. MSN Horan, Christine P. MSN Horton, Philip A. MD Horuzsko, Anatolij MD PhD Horvath-Dori, Sandra A. MD Hosford, Sarah L. MD House, Amy S. PhD House, Fredrick C. MD Howatt, James W. MD Howdieshell, Thomas R. MD Howell, Charles G. Jr. MD Howell, Eric J. MD Howell, Renee B. BS Howerton, Bruce MBA

Howington, Jerry W. MD Hsu, Stephen D. PhD Huang, Juren PhD Hubbard, Linda B. MSN Hudson, James H. Jr. DMD Hudson, John K. MD Hudson, Ronald M. MD Hudson, Valera L. MD Hudson, W. Howard MD Hudson, Walter K. Jr. DMD Huechtker, Edward D. Sr. MPA Hughes, Amy B. MD Hughes, Brian J. MD Hughes, Cynthia T. BS Hughes, Mary D. MD Hulsebus, Robert C. PhD Humphries, Arthur L. Jr. MD Hunt, Winston H. BS Hurst, Joseph S. MD Husain, Shahid PhD Hutchinson, Kenneth K. DMD Hynd, George W. EdD

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Jillella, Anand P. MBBS Joe, Clarence DMD MD Johary, Albert F. MD Johns, Robin F. MSN Johnson, Alan J. MD Johnson, C. David III MD Johnson, C. F. Jr. MD Johnson, Eddie P. III DMD Johnson, Jennifer T. MD Johnson, Jimpsey B. Jr. MD Johnson, John A. PhD Johnson, Linda L. MN Johnson, Ray E. MD Johnson, Robert W. MD Johnson, Thomas A. DDS Johnson, William M. MD Johnston, Joseph F. MD Johnston, Kim W. MD Jonah, Mary H. BS Jones, Anne M. BSN Jones, Chandra R. MD Jones, Cindy T. DDS Jones, James D. DDS Jones, Mitchell F. MPA Jones, Steven R. MD Jones, Susan B. BS Jordan, James D. DDS Jordon, Thomas D. BS Joseph, Allan MD Joseph, Ricky MA Josephson, Allan M. MD Jurgensen, Paul F. MD



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Kothari, Ajay M. MBBS Kozak, Wieslaw E. PhD Kraemer, Stacey A. PhD Krantz, William A. DDS Krauss, Jonathan S. MD Krissman, Paul H. MD Kubik, Craig M. DO Kudyba, Paul S. DDS Kuglar, Everett C. MD Kuhn, Sharon C. MD Kuhn, Walter F. MD Kuharya, Anita S. PhD Kumar, M. Vijay PhD Kutlar, Abdullah MD Kutlar, Ferdane MD

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"L"

LaHatte, Lawrence J. MD LaVigne, William E. MD Laduzenski, Eugene A. DMD Lain, David C. AAS Lam, Rebecca W. MEd Lambert, J. Stanley DDS Lambert, Jerry A. MD Lambert, Nevin A. PhD Lamberts, Robert J. MD Lamis, Pano A. MD Lanclos, Kevin D. MD Land, Nancy J. BS Landers, Larry E. DDS Lane, Natalie E. MD Langford, R. Alan MD Lapierre, Lynne A. PhD Lapp, Carol A. PhD Larson, Janet D. MD Latif, Rhonda C. MD Laurich, Gerald A. PhD Lause, David B. PhD MS Lawhead, R. Allen Jr. MD Lawhorne, Thomas W. Jr. MD Lawrence, Mallory A. MD Lawrence, William P. MD Lawson, Wayne K. MD Layman, Lawrence C. MD

Layne, Carlos E. BS LeClair, Bruce M. MD LeClair, Jesse R. BS Lea, Jimmy R. MS Leatherbury, Linda MD Leblang, Michael N. MD Ledrick, David J. MD Lee, Gregory P. PhD Lee, James M. BS Lee, Jeffrey R. MD Lee, Laura E. BS Lee, Mark R. MD PhD Lee, Sunmee MD Lee, Tamera P. MLS Lefebvre, Carol A. DDS MS Leggett, Thomas K. Jr. DMD Leggio, Lisa E. MD Leibach, Frederick H. PhD Leighton, Leslie S. MD Lemke, Jimmy V. MD Lemley, James L. MD Lemmon, Christian R. PhD Lennox, Kenneth W. MD Lentnek, Arnold L. MD Lentz, Linda M. MD Leonard, Sandra B. MS Lesher, Jack L. Jr. MD Lett, Claude E. III BS Letton, A. Hamblin MD Levine, David L. PhD Levine, Stanley I. MD Levy, Alan M. MD Lewis, Charles C. MPH

Lewis, Deborah L. PhD Lewis, Jill B. PhD Lewis, Ronald W. MD Liang, Yayun PhD Liewehr, Frederick R. DDS MS Lightsey, Alton L. Jr. MD Limoli, Tom M. DDS Lin, Shuo PhD Linder, Charles W. MD Liou, Gregory I.H. PhD Lipman, Bradford C. MD Litaker, Mark S. PhD Little, W. Norris Jr. MD Liu, Ningai MD PhD Livingston, E. Claire PhD Lloyd, Robert G. MHS Lloyd, Susan S. BS Locksmith, John P. MD Lodge, Charles G. MD Loebl, Anne M. MD Loebl, Donald H. MD Londino, Donna L. MD Long, Eugene M. Jr. MD Long, J. Blakely MD Long, Robert F. Jr. MD Longe, R. Leon PharmD Lopez, Mark D. MD Lorch, Alexander H. MD Loring, David W. PhD Loring, Sherrill R. MD Lott, Dan A. MD Loushine, Robert J. DDS Lovett, Karen E. MD

Lovett, Louis MD Lowery, Beth B. DMD Lowery, Vasco A. III DMD Lowry, Dorothy P. BS Lucas, George W. MD Lukman, Hatim MBBS Lumpkin, Ernest E. Jr. DDS Lupien, Alfred E. PhD Lupien, Alfred E. PhD Lupien, Donna MHS Lusk, Teressa M. MSP Lutcher, C. Lawrence MD Lutcher, C. Lawrence MD Lutin, William A. MD PhD Lyew, Michael A. MBBS Lykens, Robert S. MD

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"**M**"

Mabe, P. Alex III PhD Macfee, Michael S. MD Mackert, J. Rodway Jr. DMD PhD Maclean, J. Ross MD MSc Madson, Dale C. DMD Maduri, Brian DDS Maeve, M. Katherine PhD Magharious, William D. MBBCh Magruder, Richard L. Jr. MD Mahadik, Sahebarao P. PhD Maher, Felix T. DMD Mahoney, Karen M. MD Mailhot, Jason M. DMD Malamy, Allan R. DDS Malcolm, James R. MD Malik, Khalid MBBS Mallery, Donna R. MPA Malone, Ellis L. MD Malone, Stephen B. MD Mammen, Annamma T. MBBS MD Mandawat, Mahendra K. MD Manjunath, Bettadapura R. MD Manley, Nancy R. PhD Mansfield, Richard H. DO Maramreddy, Padmanabha R. MBBS MD Marchand, Arturo E. MD Marcum, J. Michael MD

Marcus, Dennis M. MD Marcy, Elona G. DDS Marinich, Robert C. MSMI Markle, Janet T. MD Markowitz, Rhea-Beth PhD Marrano, Neal N. MD Marrero, Mario B. PhD Marschalk, Frederick F. Jr. MD Marsh, Chris E. MEd Martel, Linda G. MN Martin, Dan C. MD Martin, Earl T. MD Martin, John M. MD Martin, Kathryn R. MPA Martin, W. Dean MD Martin, William H. BA Martindale, Robert G. PhD MD Martinson, Craig T. DMD Masiongale, James I. MHS Mason, Edward M. MD Massello, Laura N. MSN Master, Bonnie S. BS Masters, O. Vincent W. MD Mataosky, Mark A. MD Mathews, Wayne S. Jr. MD Matson, Charles R. BS Matsuura, John H. MD Maule, Sandra M. MSN Mawulawde, Kwabena MD May, Chris A. BS May, Jere R. PharmD May, Stephen C. Jr. MD Mays, Wallace D. MD

Mazella, Fermina M. MD Mazzawi, Anne C. DDS Mazzawi, Hugh N. DDS Mazzuckelli, Thomas J. DMD McAfee, William H. EdD McAlister, Robert B. BS McBee, Wanda H. BS McCartney, Donald K. MD McClure, Charles G. MD McCluskey, George M. Jr. BS McCluskey, Lynnette P. PhD McCord, James W. MD McCormack, John C. PhD McCullough, Tonya L. MD McDonald, Thomas R. DMD McDonough, Michel MD McDonough, Paul G. MD McGahee, Ollie O. Jr. MD McKee, Thomas W. MD McKernan, J. Barry MD McKie, Kathleen M. MD McKie, Virgil C. MD McKnight, Richard M. MD McLeod, Kathryn S. MD McLeod, Natalie B. MD McMaster, Guy F. DMD McMillan, Kenneth A. DMD McMillon, Charles D. MD McNeil, Paul L. PhD McPeake, Ernest T. II BS McPhail, Franklin E. Jr. DMD McPhail, Nanci P. MD McPherson, James C. III PhD

McRae, Matthew Jr. DMD McRee, John B. MD McShane, Patrick K. DMD Meador, Kimford J. MD Meadows, J. Allen III MD Meehan, Kathleen A. DMD Meeks, William H. MD Meguiar, Ramon V. MD Meister, Linda K. DMD Melcher, Neil R. DDS Melcher, Richard E. MD Mellick, Larry B. MD Mellor, Andrew L. PhD Melton, Dennis M. MD Menckhoff, Carl R. MD Mensah, George A. MD Merai, Prakash MBChB Merin, Robert G. MD Messer, Regina W. PhD Messer, Rosa W. MSN Messulam, Elizabeth R. MD Meyer, Carol F. MD Meyer, Charles A. Jr. MD Meyer, George W. MD Meyer, Theodore M. MD Mian, Ayesa N. MD Michelich, Robert J. DDS Michigan, Stephen MD Middlebrooks, Tracy W. Jr. MD Middleton, Henry M. III MD Miklos, John R. MD Millen, James L. MD Miller, Jacqueline S. MSN

Miller, James W. MD Miller, Jerry A. Jr. MD Miller, Jill A. MD Miller, Michael H. PhD Miller, Michael B. DO Miller, William A. MD Mills, Thomas M. PhD Minter, David B. MD Mintz, Greg A. DMD Misch, Donald A. MD Mishoe, Leona C. PhD Mitchell, Catherine BS Mitchell, John C. MD Mivechi, Nahid F. PhD Mo, Xianming MD PhD Moberg-Wolff, Elizabeth A. MD Mobley, James R. MD Mobley, Regina C. MHEd Mode, Donald G. MD Moen-Nogueras, Cynthia S. MN Mogelnicki, Stanley R. Jr. MD Mohan, Parvathi D. MBBS Mohan, Ramanujam MBBS Molinaro, John R. MD Mondy, J. Sheppard III MD Mongan, Patrick F. MD Monroe, Scott D. DDS Montalvo, Luis F. MD Monti, Elizabeth J. MSN Moody, Ron MD Moore, Aubrey L. III PhD Moore, Donna B. MD Moore, Kevin E. MD

Moore, Steven L. MD Moore, Walter J. MD Moores, Russell R. MD Moretz, William H. Jr. MD Morgan, Eric D. MD Morgan, Joel L. MD Morin, Claudia T. MHEd Moritz, Jeffrey A. DDS Morley, Andrew P. Jr. MD Morris, Mitzi D. DMD Morris, Stephen L. MD Morrison, B. Faye MSN Morrison, Joseph V. Jr. MD Morton, William A. MD Moses, Tina P. DMD Moskophidis, Demetrius MD Moskowitz, Marc E. DDS Mosley, Letha J. MEd Moss, Patricia B. MSN Moti, Udaya G. MBBS Mruthinti, Satyanarayana S. PhD Mruthinti, Shyamala PhD Mucha, Edgardo MD Mulherin, Neita H. BS Muller, Thomas W. MD Mullins, David E. MD Mullins, Stephen C. MD Mullins, William B. MD Mulloy, Anthony L. PhD DO Mulloy, Laura L. DO Munn, David H. MD Murden, Michael R. DDS Murdock, Eugene J. Jr. MSN

Murphy, Marguerite J. MS Murphy, Mark E. MD Murray, Samuel D. Jr. MD Murrell, Kevin J. MD Murrell, Marlon E. DMD Murro, Anthony M. MD Mushet, George R. MD Myers, Cecil O. DMD Myers, David R. DDS MS Myers, Michael L. DMD

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Nahon, Max DDS Narde, Joseph A. DDS Nash, Michael L. MD Nash, Ross W. DDS Natrajan, Puthugramam K. MBBS Nayak, Manel D.C. MBBS Nayyar, Arun BDS DMD Neal, H. Anthony DDS Neal, M. Joyce MD Neal, Ruth E. MD Nechtman, Carl M. MD Nelson, Donald B. DMD Nelson, E. Harold MD Nelson, George J. BS Nelson, Steven K. DMD Nesbit, Douglas H. MD Newman, Cheryl L. MD Newman, Lewis L. Jr. BS Newton, S. Clark Jr. MD Ngoh, Emmanuel C. DMD Niagro, Frank D. PhD Nichols, Carol A. PhD Nichols, Fenwick T. III MD Nicholson, Benjamin E. MD Nicol, Charles F. MD Nieves, Nestor L. MD Nixon, George A. MD

Nobles, Carol S. MEd Nolan, William P. PhD Nugent, Katherine E. PhD

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O'Conner, James L. PhD O'Dell, Norris L. PhD DMD O'Leary, William C. Jr. PhD O'Neal, Kyle H. DDS O'Quinn, James L. MD O'Quinn, Mary H. MD O'Shields, Deborah C. MD Oblak, Thomas G. BA Odom, John W. MD Oellerich, Ted O. DMD **Ogilvie**, Mariann MS Ogle, Thomas F. PhD Oldham, Harry M. MD Oliver, Robert E. MD Oliver, Trudy L. MHS Olson, Brian D. DMD Orangio, Guy R. MD Orr, T. Edward PhD Osborne, William E. MD Ostric, Elizabeth J. MHA Owen, Hudson J. Jr. BS Owen, Mary A. MHE Owen, R. Glen MD Owen, R. Glen Jr. MD Owens, Ronald E. DMD Ownby, Dennis R. MD



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Patel, Bipinchandra R. MBChB Patel, Rajesh V. DO Pathiraja, Ananda P. MBBS Patterson, Duane L. PhD Patterson, E. C. DDS Patton, Henry M. MD Patton, Robert M. MD Patton, William R. DDS Payne, John F. MD Payne, Peter M. MD Peacock, John D. DDS Peacock, Lamar B. MD Peacock, Mark E. DMD MS Peacock, Ronald T. DDS Pearlman, Brian L. MD Pearson-Shaver, Anthony L. MD Peebles, Jimmy L. DO Pellett, Jonathan B. MD Pendergrast, Robert A. Jr. MD MPH Penney, Don W. MD Pereira, Graham I. MD Perloe, Mark MD Perrow, Guerrant H. MD Perry, David W. DMD Perry, Jan F. EdD Persad-Maharaj, Suresh I. MBBS Peteet, Paul H. MD Peters, Alfred B. DMD Peters, Susan E. BS Pettigrew, Dee W. III MD Pfeifer, Andrea J. DO Phelan, Brian K. MD Phillips, Douglas R. MD

Phillips, George DMD Phillips, Robert L. MD Phillips, Thomas G. DDS Phillips, William G. MD Philpot, Thomas E. MD Pickett, Charlton J. MD Pierce, David M. MD Pilcher, A. Reginald MD Pillai, Jay J. MD Pinson, Marion K. DDS Pintavorn, Pairach MD Pirie, Elizabeth MEd Platt, Lynn A. MD Pless, Betsy S. PhD Plowman, Kent M. PhD MD Plummer, Kevin D. DDS Pohjola, Randall M. DDS Pohlmann, Bernard H. DDS Pollock, David M. PhD Pollock, Jennifer S. PhD Poorbaugh, Susan R. MLIS Pope, John C. III BS Portt, James C. MMS Portwine, E. Fred MD Porubsky, Edward S. MD Potter, Brad J. DDS MS Powell, Hudson J. DMD Powell, J. Nicholas DDS Powell, John H. III MBA Powell, Robert S. DMD Pradhan, Avinash C. MBBS Pradhan, Medha A MBBS Prasad, Puttur D. PhD

Prasse, Karen W. MD Prather, Stuart H. III MD Presnell, Richard W. MD Preston, Patricia MN Price, Billy R. II MD Price, Lawrence W. MD Price, Paula F. MSN Price, Virginia H. MD Priddy, William L. DDS Prince, Lori H. MSA Prisant, L. Michael MD Pruett, Michael E. DMD Pruitt, J. Ned II MD Pryor, Carol G. MD Pu, Glen A. MD Pursley-Crotteau, M. Suzanne PhD Purvis, James P. III DDS MS Puskas, Jane C. DMD MPH

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Revolinski, Patricia H. MSN Revnierson, James H. DMD Reynolds, John D. III MD Reynolds, Keith E. DMD Reynolds, Kevin L. AB Reznick, David A. DDS Rhoades, Robert B. MD Rhoden, Carolyn S. BS Richards, Calita S. PharmD Richardson, David C. MD Richwine, Samuel W. Jr. MD Riffle, John E. MD Rikli, Patricia A. PhD Rissing, J. Peter MD Rivera-Morales, Warren C. DMD Rivner, Michael H. MD Rizvi, Ali A. MBBS Roberts, Alan MD Roberts, Michael F. MD Roberts, Sava M. MD Roberts, William H. MD Robertson, Rose E. MSN Robinson, Carole C. MPH Robinson, Joe S. Jr. MD Robinson, Keith A. PhD Robinson, Randy G. MD Robinson, Vincent J. B. MBBS Rodriguez, Jose O. MD Rogers, Gregory M. MD Rogers, Michael B. DDS Rogers, Steven G. MD Rogers, Ward B. MD Roper, B. Kenneth PhD

Rosema, Pamela E. MHS Rosen, Howard M. MD Rosenblum, Frederick J. MD Rosengart, Carl L. MD Rosenquist, Judith W. DMD Rosenthal, David MD Ross, Jack R. MD Rousso, Jack D. DDS Routon, James L. MD Rowlett, John D. MD Rucker, Benjamin L. MD Rudolph, Raymond MD Rueggeberg, Frederick A. DDS MS Rufo, Raymond T. DDS Rule, Rebecca A. MN Rumph, Frank M. Sr. MD Russell, Carl M. DMD PhD Russell, Dee B. MD Russo, Garth S. MD Russo, Natalie D. MD Rychly, Robert E. MD Rydzak, Edward MD

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Sabio, Hernan MD Sacks, Linda M. MD Sadofsky, Moshe J. MD PhD Salama, Maurica A. DMD Salamon, Kathleen B. MPA Salazar, Pamela B. MD Salazar, William H. MD Saltzman, Steven L. MD Salzer, Judith S. MS Sams, Deirdre R. DDS Sanchez, Anne T. DMD Sanders, Beverly B. Jr. MD Sanders, Harvey J. Jr. MD Sandlin, James R. DDS Sansbury, Barbara P. MS Sarkar, Nurul H. PhD Sasnett, Richard B. Jr. MD Sato, Susan D. PhD Satya-Prakash, Kanithahalli L. PhD Saunders, Jana C. PhD Saxton, Craig R. MD Sayer, Thomas J. DDS Scaggs, Donald F. MPAS Scarff, Dane R. BS Schade, Robert R. MD Schafer, Tara E. DMD MS Scheffer, Russell E. MD

Schilling, Robinson W. Jr. MD Schmidt, Stephen L. MD Schnuck, Lloyd B. Jr. MD Schoborg, Thomas W. MD Schoenlein, Patricia V. PhD Schroen, John F. Sr. BS Schuh, Jonathan F. MD Schultz, Everett H. Jr. MD Schumacher, Lori B. MS Schuster, George S. DDS PhD Schwartz, Meyer P. MD Schwartz, Paul B. MD Schwartz, Richard B. MD Schwartz, Seth MD Schweinebraten, Marie C. DMD Scott, Edwin H. MD Scott, Jesse B. MD Scott, Stephen K. MBA Scurry, R. Brooks Jr. MD Seals, Deedee H. BS Sebastian, C. Simon MBBS Seegar, Charlon MSW Sekul, Elizabeth A. MD Servy, Edouard J. MD Sethi, Kapil D. MBBS Sethi, Ranjit K. MBBS Settle, James A. Jr. MD Seward, Paul N. MD Sexton, Joel S. MD Seyed-Mozaffari, Mahmood PhD DMD Seyfang, Andreas G. PhD Shaefer, Charles F. Jr. MD Shah, Shafqat MD

Shah, Vipul B. MBBS MD Shannon, George W. MD Sharawy, Mohamed BDS PhD Sharma, Kailash B. MBBS Sharma, Sarita B. MBBS Shatz, Peter C. DDS Shaver, Ellen G. MD Shaver, Joseph R. MD Shay, Robert J. MD Sheen, Geoffrey W. DDS MS Sheftel, Thomas G. MD Sheils, W. Chris MD Shell, Sheila A. BS Sherman, Harry C. MD Sherman, James C. MD Shevitz, Stewart A. MD MSHA Shiflett, Robert A. DMD Shin, Stanley J. MD Shipman, Peter C. MLIS Shippey, John E. Jr. MD Shirley, J. C. DMD Shivaswamy, Subbarayappa MBBS Shiver, Charles B. Jr. MD Shlaer, S. Michael MD Shleifer, Nison H. MD Shoemaker, Doris M. MLM Shook, Thomas E. MD Shparago, Neal I. DO Shrout, Michael K. DMD Shull, G. Franklin Jr. DMD Shull, Nancy B. MD Sibley, Deborah MSN Sickles, Dale W. PhD

Sieg, David C. PhD Silk, Howard J. MD Sills, E. Scott MD Silver, William E. MD Silverstein, Lee H. DDS Simmons, Kent C. DDS Simonds, David C. DMD Simpson, Jon A. MD Sims, Jeffrey D. DDS Sims, Michael C. MD Sinex, James E. MD Singh, Baldev B. PhD BDS Singh, Harinderjit MBBS Singh, Manjit MBBS MD Singh, Ram B. MBBS Sinha, Dharm B. MBBS Sisk, Allen L. DDS Skandalakis, John E. MD Slayden, Scott M. MD Sloan, Wyman P. III MD Smisson, Hugh F. III MD Smith, Angela L. MS Smith, Anthony V. MD Smith, Arthur M. MD Smith, Beth A. MA Smith, Carl W. MD Smith, Connie L. BS Smith, Craig E. MD Smith, David E. MBA Smith, David H. MD Smith, Deborah A. MSN Smith, Diane K. MD Smith, James D. MD

Smith, James K. MD Smith, Joseph R. MD Smith, Kenneth L. BS Smith, Kumud MD Smith, Leon F. MD Smith, Mallory G. MD Smith, Michael O. BS Smith, Philip H. MD Smith, Randolph R. MD Smith, Robert E. MD Smith, Roberta M. MD Smith, Sherry P. MS Smith, Sidney P. MD Smith, Stanley T. Jr. MD Smith, Sylvia B. PhD Smith, W. Sean MD Snieder, Harold PhD Snowdy, Harry A. Jr. MD Snyder, Elizabeth A. DO Sobrinho, Tito C.M. MD Soderdahl, Douglas W. MD Sodomka, Patricia F. MS Sohal, G. S. PhD Solms, Kelly K. MD Solursh, Diane S. PhD Solursh, Lionel P. MD Soparas, Joseph S. BS Soriano, Jason A. MD Sorsdahl, Oliver A. MD Soteres, James S. DMD Sowell, John C. DDS Spangler, Dennis L. MD Sparks, J. Martin MSN

Spaulding, Vernon C. Jr. MD Spearman, D. Ronald MD Specht, William J. MA MS Spellman, John G. MD Spencer, Michael A. MD Sperr, Shelby J. PhD Sprague, Thomas E. MA Sprinkle, Terry J.C. Sr. PhD Sridhar, Subbaramiah MBBS Sridharan, Marandapalli R. MBBS Sridharan, Vidya C. MBBS Stachura, Maximillian E. MD Stack, Richard S. MD Stager, Robert D. MD Stallings, Judith B. BS Stallings, Rayvelle A. MD Stallings, Roosevelt J. MD Stallworth, Clay N. MD Stallworth, Leila E. MD Stanley, Thomas M. MD Star, Franklin J. MD Stark, Nancy L. MSN Steadman, Clayton D. JD Stec, Thomas L. MHE Steele, John C.H. Jr. PhD MD Steflik, David E. EdD Stein, Stanley A. DMD Steinhart, Curt M. MD Stella, Ronald A. MD Stephens, William H. Jr. MD Stern, Phyllis N. DNS Sterrett, John D. DDS Stewart, Carbon T. BS

Stewart, Mark J. MD Stocks, S. Allan MD Stockwell, Karyn L. DMD Stoming, Terrance A. PhD Stone, Jeffrey A. MD Stoney, S. David Jr. PhD Stoppenhagen, David R. MD Story, Stacy H. III MD Stough, Gary E. DMD Stowers, Robert G. BS Stowers, Sheryl W. BS Strain, Jon D. DDS Stringer, Edward F. III MD Strong, William B. MD Styne, Silvia M. BS Suh, Dick Y. PhD MD Sullivan, Bradley D. MSMI Sullwold, Arthur F. MD Summers, Roland S. MD Sumner, Jean R. MD Sunde, David A. PhD MD Sunde, Elizabeth R. MD Sussman, Hy C. MD Suter, Robert E. DO Suway, Wayne G. DDS Swanson, Greg S. PhD Swayne, Gregory M. MS Swift, Andrew E.B. MS Swords, Edwin I. DDS Sykes-Brown, Wilma A. MA



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Taft, Arthur A. PhD Takeda, Yoshihiko MD DMS Talbert, F. Suzanne PhD Talebi, Farhad MD Talledo, O. Eduardo MD Talley, Rebecca A. MD Tan, Carlos C. MD Tanenbaum, Julian B. MD Tankersley, Janet B. BS Tannehill, William B. MD Tanner, R. Eugene MD Tanner, Terrell B. MD Taparia, Braham N. MD MBBS Tarpley, Barry T. MD Tarver, Beverly M. BA Taylor, A. Thomas PharmD Taylor, Benjamin H. Jr. BS Taylor, David M. MD Taylor, Roslyn D. MD Tedesco, Francis J. MD Templeton, Damon A. MD Terry, Alvin V. Jr. PhD Terry, Daniel B. Jr. MD Tharp, Jeffrey L. MD Thaxton, Paul M. MD Thelan, Elizabeth Z. MN Thevaos, Theo G. MD

Thigpen, C. Mark MD Thigpen, Suzanne M. MD Thomas, David R. III MD Thomas, Dilip A. MD Thomas, Jack E. Jr. DDS Thomas, Jeffrey A. MD Thomas, Luther M. Jr. MD Thomas, Lynda L. BS Thomason, Jason W.W. MD Thompson, Katharina M. BS Thompson, Mary L. M. MD Thompson, Mason P. MD Thompson, Stuart A. PhD Thoresen, Robert J. PhD Thornton, John W. III MD Thurmond, George W. MD Thyer, Bruce A. PhD Tiernan, Steven M. MD Tikare, Satyanarayana K. MBBS Tikare, Sneha MBBS MD Till, Alice H. MSN Tilley, Larry L. DMD Tindol, George A. Jr. MD Tingen, Martha S. PhD Tinkelman, David G. MD Tinsley, Sheila J. BS Toland, A. Daniel DO Tollison, C. David PhD Tomlinson, Ronald L. MD Torch, Evan M. MD Torrance, Andrew W. MD Towner, Susan B. MSN Trager, Peter S. DDS

Tran, Hong-Nhung MD Trapp, J. Douglas MD Treadway, Antwan L. DMD Treiber, Frank A. PhD Trello, Connie A. MD Trenteseau, Jeanne A. PhD Trincher, Rose C. MD Trotter, T. Barrett DMD Troy, Nancy W. PhD Troyer, Richard B. DDS Truemper, Edward J. MD Tsai, Enoch N. MD Tuan, Dorothy Y. H. PhD Tucker, David J. MA Tucker, Lynn M. MD Tucker, Michael C. MD Turnbull, Diane M. EdD Turner, M. Kevin PhD Turner, Robert F. DMD Turner, Saundra L. EdD Turner, Wiley H. MD Tyson, Mary Lynn MD

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Wade, Mary S. BS Wagner, Peggy Jo PhD Waldo, Karen L. MS Waldrep, Douglas A. MD Waldron, Jonathan C. DMD Waldron, Jonathan B. DMD Walker, George S. III MD Walker, Linda L. MD Walker, Solomon W. II BA Wall, Albert M. III MD Wall, Donna M. MD Wall, Edward H. DMD Wall, Hilton F. MD Wallentine, Brett K. MD Waller, James T. MD Waller, Jennifer L. PhD Walls, H. Paul DMD Walter, Jonne B. MD Walters, Gordon E. MD Walters, Patrick I. MEd Walters, Paul A. III PhD Wang, Xueyong PhD Wangsnes, Kraig M. MD Ward, Sue T. BS Ware, Debra J. MD Wark, Elizabeth T. MBA Wasdin, John L. DDS

Wataha, John C. DMD PhD Waters, Candace C. MSN Waters, Donald B. MD Waters, Richard W. DMD Watkins, Patricia N. MD Watson, Benjamin L. MD Watts, Michael A. MD Waugh, Robert L. Jr. DMD Weatherred, Ted W. MD Weaver, Susanna R. MLIS Webb, David F. DMD Webb, Nancy C. PhD Webb, R. Clinton PhD Weinman, Richard A. DMD Weiser, Harry C. MD Weisman, Manuel I. DDS Weisser, Lydia E. DO Welch, Christopher W. PhD Weller, R. Norman DMD Wells, David B. DDS Wells, Eric H. DMD Wells, Larry J. DO Welsh, William J. MD West, John H. MD West, Lesley A. DDS Westberry, Perry M. AA Weyermann, Andrea G. PhD Wheeler, George A. Jr. MD Wherry, Richard A. MD Whitaker, Elizabeth G. MD Whitaker, S. Bryan DDS White, Christopher B. MD White, Richard E. PhD

White, Shelia L. PhD Whitehouse, Alan B. MD Whitfield, Margaret R. MSN Whitford, Gary M. PhD DMD Whitlock, Warren L. MD Whittle, John L. DDS Wicker, Marie S. BS Wiggans, R. Glen MD Wilde, James A. MD Wiley, Daryl C. MD Wilkes, Leslie L. MD Wilkin, James H. MD Wilkowski, Michael J. MD Williams, Billy J. BS Williams, Dennis G. MD Williams, Dennis G. MD Williams, G. Patrick MD Williams, George W. Jr. MD Williams, Hadyn T. MD Williams, James S. MD Williams, Marvin Jr. DO Williams, R. Lane BS Williams, Roger S. MD Williams, Russell C. DDS Williams, Sandra S. BS Williams, Stewart A. MD Williamson, Eugene H. DDS Williamson, Nancy D. PhD Williford, Kathryn K. MD Willis, Sharon BSDMS Willoughby, Michael L. MD Wilson, Russell A. MD Wilson, William R. Jr. MD

Win, Than MBBS Winburn, Virginia B. MD Wingard, Christopher J. PhD Winger, Leland H. Jr. MSN Winn, Francis J. Jr. PhD Winn, William M. MS Winship, Florence W. MD Wirth, Fremont P. MD Wirtz, Ronald L. PhD Wise, Scott C. BS Wispert, Charles M. BS Woeltje, Keith F. MD PhD Wolf, Charles R. III MD Wolk, Barry M. MD Wooten, Carla R. BS Work, Bruce A. Jr. MD Work, Janis A. PhD Wray, Betty B. MD Wray, Charles H. MD Wray, R. Christie Jr. MD Wren, Kathleen R. PhD Wren, Timothy L. MS Wrenn, Robert W. PhD Wright, Allison L. MS Wright, Lore K. PhD Wrobel, Peter S. MD Wyatt, Alfred D. Jr. DMD Wylie, William J. MD Wynn, James J. MD Wynn, Robert A. MD



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# **Alphabetical List for**

"X"

Xenakis, Stephen N. MD

## **Medical College of Georgia**



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## **Alphabetical List for**

"Y"

Yarbrough, John A. MD Yates, Laurie J. MHS Yates, Robert J. MHS Yeager, E. Stephen MD Yeargan, Henry B. DMD Yeckley, James A. MD Yeh, Karen A. MD Yodlowski, Edmund H. PhD Young, Jeanette S. EdD Young, Kenneth H. DDS Young, Timothy R. DO Yount, Avis B. MD Yrizarry, Elizabeth G. BS Yu, Jack C. DMD MD Yu, Robert K. PhD MedScD Yusuf, Bedri M. MD

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# **Alphabetical List for**

"Z"

Zeng, Guichao PhD Zhang, Hanfang MD PhD Zhang, Ming MD MS PhD Zhong, Qing MS Zlock, Gregory DMD Zoller, Michael MD Zubowicz, Vincent N. MD Zumbro, G. Lionel Jr. MD

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Abbott, Bernard J. PhD Abney, Thomas O. PhD Abraham, Edathara C. PhD Allen, Marshall B. Jr. MD Anderson, Ann S. MS Ault, Leilee P. MS Bailey, Joseph P. Jr. MD Bard, Raymond C. PhD Best, Gary K. PhD Bhatti, Nazir A. MBBS Binet, Eugene F. MD Blissit, James A. Bliven, Floyd E. Jr. MD Bockman, Dale E. PhD Boulton, Virginia M. MD Brandsma, Jeffrey M. PhD Bransome, Edwin D. Jr. MD Brown, James D. DMD Brown, Jessie O. MHEd Brucker, Paul J. EdD Burrell, Lenette O. EdD Bustos-Valdes, Sergio E. DDS PhD Campbell, H. Alan BS Carrasco, Ricardo C. PhD Chandler, A. Bleakley MD Chaudhary, Bashir A. MBBS Chew, William H. Jr. MD Ciarlone, Alfred E. DDS PhD Clark, James W. DDS

http://www.oiri.mcg.edu/pfl/Queries/Emeritus.asp (1 of 7) [01/31/2001 10:31:27 AM]

Colborn, Gene L. PhD Conway, Mary E. PhD Cormier, Rene E. MD Crowley, Julia R. EdD Damon, Meffie S. BA Davenport, Sara R. MA DeVore, Margaret B. MD Della-Giustina, Victor E. DDS Dennis, Allen J. Jr. MD Dirksen, Thomas R. DDS PhD Dwyer, Thomas N. LLB Edwards, Barbara H. MA Edwards, Wallace S. DDS Ehrhart, Ina C. PhD Ellegood, James O. MS Ellis, Linda A. EdD Ellison, Lois T. MD Ellison, Robert G. MD Etersque, Stanley EdD Eubig, Casimir PhD Evers, John C. Feldman, Daniel S. MD Feldman, Elaine B. MD Fiebiger, Guy E. DMD Flowers, Nancy C. MD Fuszard, Barbara M. PhD Gangarosa, Louis P. Sr. DDS PhD Garlington, Octavia MS Garman, Thomas A. DDS Garnick, Jerry J. DDS Garrison, Glen E. MD Geber, William F. Jr. PhD Goldman, Barry M. DDS

Gramling, Zachariah W. MD Green, Keith PhD DSc Greenbaum, Lowell M. PhD Gregory, Scott T. MS Hammer, Wade B. DDS Hardin, Jefferson DDS Harms, Barbara H. BS Hayes, William G. MPA Hickey, Judson C. DDS Hill, Ross H. DDS Hobbs, Milford L. MD Hodge, Lon D. VMD PhD Hofman, Wendell F. PhD Holzman, Gerald B. MD Horan, Leo G. MD Howard, Eugene F. PhD Howard, John C. PhD Hudson, James B. MD Huff, Thomas A. MD Hull, David S. MD Jennings, William D. Jr. MD Johnson, Van L. Jr. DDS Karow, Armand M. Jr. PhD Karp, Warren B. PhD DMD Keagle, James G. DDS Kemp, Virginia H. PhD Killeen, Maureen R. PhD Kolas, Steve DDS Kuske, Terrence T. MD Lake, Francis T. DDS PhD Lambert, Vickie A. DNSc Lanclos, Kenneth D. PhD Lapp, David F. PhD

Lavin, Nancy L. MEd Lee, Carol E. EdD Leonard, Leon A. DDS MS Levine, Monroe I. MD Levy, Maurice EdD Lillis, Patricia P. DSN Little, Robert C. MD Loft, Gerald H. DDS Logan, Mary Ella MD Lundquist, Donald O. DDS Luxenberg, Malcolm N. MD Mahesh, Virendra B. PhD DPhil Mansberger, Arlie R. Jr. MD Martin, Richard M. PhD MDiv Mascaro, David J. MS May, Bella J. EdD McCranie, E. James MD PhD McCranie, Martha L. MD McDonald, Thomas F. PhD McIntosh, Sandra B. PhD Merchant, Hubert DDS Miller, Max D. EdD Mills, Luther R. IV MD Milner, Paul F. MD Moore, Victor A. Jr. MD Morgan, R. Bruce BA Morris, Charles F. DDS Morse, Jean A. PhD Morse, P. Kenneth PhD Moulin, Nancy MS Mulroy, Michael J. PhD Mundy, Wanda M. EdD Nair, Cherukantath N. PhD

Nelson, George H. MD Nesbit, Robert R. Jr. MD O'Rear, Harry B. MD Otken, Luther B. Jr. MD Parrish, Robert A. Jr. MD Pollard, Billy M. DDS Pool, Winford H. Jr. MD Porterfield, Susan P. PhD Prendergast, Nancy D. EdD Puchtler, Holde MD Puryear, James B. PhD Rao, Raghunatha N. MD Rasmussen, Howard MD PhD Reese, Andy C. PhD Reichard, Sherwood M. PhD Reynolds, J. Marvin DDS Rice, Bruce H. DDS PhD Richards, E. Earl DDS Riley, Merle W. PhD Rinker, Geraldine EdD Roesel, Catherine E. PhD Saunders, Elwyn A. MD Schuman, Bernard M. MD Scott, David F. PhD Scruggs, Charles S. DDS Shaikh, Abdul H. MS Singal, Sam A. PhD Sisson, Boyd D. PhD Smith, C. Douglas DDS Smith, Harold G. EdD Speir, William A. Jr. MD Spurlock, Benjamin O. BA Stafford, Chester T. MD

Stenstrom, William J. EdD Sutherland, James H.R. PhD Swift, Thomas R. MD Teabeaut, J. Robert II MD Thompson, William O. II PhD Tollison, Joseph W. MD Trueblood, Jon H. PhD Urbanek, Vincent E. DDS Watson, W. Gamewell MD Webster, Paul D. III MD Wege, William R. DDS MS Welter, Dave A. PhD Wessling, Kenneth C. PhD Weston, William III MD Whitney, J. Barry III PhD Wigh, Russell MD Williams, J. Earl DDS Winkley, Gail P. MS Winningham, A. Ruth MS Woods, Gerald W. JD Yaghmai, Farivar MD Zachert, Virginia PhD Zwemer, Thomas J. DDS

#### **Medical College of Georgia**

Emeritus Listing



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## **Senior Administration**

President	Dr. Francis J. Tedesco
Senior Vice President Academic Affairs	Dr. Barry D. Goldstein
Senior Vice President Administration and Finance	Dr. J. Michael Ash
Senior Vice President Clinical Activities	Dr. Betty B. Wray (Interim)
Vice President Business Operations	Mr. Gerald W. Woods
Vice President Research	Dr. Matthew J. Kluger
Vice President Special Clinical Initiatives	Dr. Vernon C. Spaulding, Jr.
Vice President University Advancement	Mr. Bruce Howerton (Interim)
Associate Vice President Academic and Student Affairs	Dr. Michael H. Miller
Chief Information Officer	Mr. Dale M. Chernich
Legal Advisor to the President	Mr. Gerald W. Woods
Senior Legal Advisor	Mr. Clayton D. Steadman
Dean Allied Health Sciences	Dr. Biagio J. Vericella
Dean Dentistry	Dr. David R. Myers
Dean Graduate Studies	Dr. Matthew J. Kluger
Dean Medicine	Dr. Betty B. Wray (Interim)
Dean Nursing	Dr. E. Gerald Bennett (Interim)

#### **Medical College of Georgia**

Medical College of Georgia - Administration



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## **Directors**

#### Comptroller **Director Biostatistics and Bioinformatics Director Continuing Education Director Enrollment Management** Director Environmental Health and Safety **Director Facilities Management Director Grants and Contracts Director Health Communications Director Housing Director Human Resources** Director Institutional Research and Information **Director Internal Audits Director Laboratory Animal Services Director Libraries Director Management Services Director Public Safety Director Recruitment and Admissions Director Research Support Services Director Student Affairs Director Student Diversity** Director Student Financial Aid **Director Supply Administration**

Ms. Donna R. Mallery Dr. Mark S. Litaker (Interim) Dr. Kathy P. Bradley Mr. David J. Tucker Dr. James S. Davis Mr. David E. Smith Ms. Betty Aldridge Mr. Steven J. Harrison Mr. Thomas J. Fitts, Jr. Mr. Solomon W. Walker, II (Interim) Ms. Deborah L. Barshafsky

Mr. Michael W. Hill Dr. Laura T. Easley Ms. Tamera P. Lee Mr. J. Robert Coleman Mr. Mitchell F. Jones Ms. Carol S. Nobles Dr. J. Malcolm Kling Dr. Randy R. Butterbaugh Ms. Beverly M. Tarver Mr. John H. Powell, III Mr. James T. Harris

#### Medical College of Georgia



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## **Schools**

- <u>Allied Health Sciences</u>
- <u>Dentistry</u>
- Graduate Studies
- <u>Medicine</u>
- <u>Nursing</u>

#### **Medical College of Georgia**

Medical College of Georgia - Schools



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## **Administrative Units**

- General Institution
- <u>Academic Affairs</u>
- Business Operations
- <u>Clinical Activities</u>
- Fiscal Affairs and Planning
- Information Services
- Internal Audits
- Legal Office
- <u>Research Affairs</u>
- **Student Affairs**
- <u>University Advancement</u>

#### **Medical College of Georgia**

Medical College of Georgia - Administrative Units



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## Administration

President Dr. Francis J. Tedesco Senior Vice President Academic Dr. Barry D. Goldstein Affairs Senior Vice President Dr. J. Michael Ash Administration and Finance Senior Vice President Clinical Dr. Betty B. Wray (Interim) Activities Vice President Business Mr. Gerald W. Woods Operations Vice President Research Dr. Matthew J. Kluger Vice President University Mr. Bruce Howerton (Interim) Advancement Mr. Gerald W. Woods Legal Advisor to the President Senior Legal Advisor Mr. Clayton D. Steadman **Director Internal Audits** Mr. Michael W. Hill

#### **Medical College of Georgia**



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## **Academic Affairs**

## Administration

Senior Vice President Academic Affairs Associate Vice President Academic and Student Affairs Director Continuing Education Director Health Communications Director Institutional Research and Information Director Libraries

## Faculty

• <u>All</u>

### Units

- Continuing Education
- Health Communications
- Institutional Research and Information
- <u>Library</u>
- Student Affairs

Dr. Barry D. Goldstein

Dr. Michael H. Miller

Dr. Kathy P. Bradley

Mr. Steven J. Harrison

<u>Ms. Deborah L.</u> <u>Barshafsky</u> Ms. Tamera P. Lee

#### **Medical College of Georgia**



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# **Business Operations**

## Administration

Vice President Business Operations

Mr. Gerald W. Woods

## Faculty

• <u>All</u>

### Units

- Environmental Health and Safety
- Personnel Services
- Physical Plant
- Public Safety
- Supply Administration

#### Medical College of Georgia

**Business Operations** 



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# **Clinical Activities**

## Administration

Senior Vice President Clinical Activities Vice President Special Clinical Initiatives Dr. Betty B. Wray (Interim) Dr. Vernon C. Spaulding, Jr.

#### **Medical College of Georgia**

**Clinical Activities** 



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# **Fiscal Affairs and Planning**

## Administration

## Faculty

• <u>All</u>

### Units

- Auxiliary Services
- Budget Management
- Comptroller
- Facilities Planning

#### **Medical College of Georgia**

Fiscal Affairs and Planning



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# **Information Services**

### **Administration**

**Chief Information Officer** 

Mr. Dale M. Chernich

### Units

- Administration
- Application Development
- Technical Operations
- PC/LAN Group

#### **Medical College of Georgia**

Information Services



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# **Legal Office**

## Administration

Senior Legal Advisor

Mr. Clayton D. Steadman

#### **Medical College of Georgia**



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# **Internal Audits**

## Administration

**Director Internal Audits** 

Mr. Michael W. Hill

#### **Medical College of Georgia**

Internal Audits



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## **Student Affairs**

## Administration

Director Enrollment Management Director Housing

Director HousingMr. Thomas J. Fitts, Jr.Director Recruitment and AdmissionsMs. Carol S. Nobles

**Director Student Affairs** 

Director Student Diversity Director Student Financial Aid S <u>Ms. Carol S. Nobles</u> <u>Dr. Randy R.</u> <u>Butterbaugh</u> <u>Ms. Beverly M. Tarver</u> <u>Mr. John H. Powell, III</u>

Mr. David J. Tucker

## Faculty

• <u>All</u>

## Units

- Enrollment Management
- Minority Student Affairs
- Student Affairs

#### Medical College of Georgia

Student Affairs



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# **University Advancement**

### Administration

Vice President University Advancement Mr. Bruce Howerton (Interim)

### Units

- Alumni Relations
- Development
- Public Relations

#### **Medical College of Georgia**

University Advancement