

Medical College of Georgia

# Catalog 2001-2002

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*The Medical College of Georgia Catalog 2001-2002 provides essential information about Georgia's health sciences university. Designed for MCG's academic community as well as for new and prospective students and faculty, the 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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August 07, 2001

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## General Information

The *Medical College of Georgia Catalog 2001-2002* 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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January 28, 2002



## MCG Facts and Figures

### HISTORY

- Founded in 1828 with a total faculty of four
- First M.D. degree conferred in 1833; four graduates

### ADMINISTRATION

- President: [Daniel W. Rahn](#)
- Senior Vice President for Academic Affairs: [Barry D. Goldstein](#)
- Senior Vice President for Administration and Finance: [J. Michael Ash](#)
- Senior Vice President for Clinical Activities and Dean of the School of Medicine: [Betty B. Wray](#)

### ACCREDITATION

- Southern Association of Colleges and Schools
- 18 professional accrediting agencies

### SCHOOLS AND PROGRAMS

- Five schools: [Allied Health Sciences](#), [Dentistry](#), [Graduate Studies](#), [Medicine](#), [Nursing](#)
- 45 undergraduate and graduate programs

### STUDENTS and APPLICANTS

- [Fall 2001 Enrollment](#): **1,939**
- [Total Applicants for Fall 2001](#): **3,041**

### GRADUATES AND ALUMNI

- [2000-01 Degrees Conferred](#): **678**

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- 2001 Living Located Alumni: **16,940**

**FACULTY** and **EMPLOYEES** (as of June 30, 2001)

- Total Faculty: **780**
- Full-time Instructional Faculty: **617**
- Total Employees: **3,390**

**RESIDENTS**

- Total Residents: **426**

**RESEARCH**

- Extramural Funding: **\$128.8 million**
- Sponsored Research: **\$26 million**



*MCG was chartered in 1828 as an academy offering a single course of lectures. Currently, the university offers more than **40** academic programs in allied health sciences, dentistry, graduate studies, medicine, and nursing at the certificate, baccalaureate, masters, doctoral and first professional levels. Additionally, MCG offers residency training in medical and dental specialty areas.*

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 charlatanism.

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.

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## [History](#)

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## MCG Historical Sketch

The Academy was planned to give a one year lecture series and confer a Bachelor of Medicine degree, to be followed by a second year at another school for the MD degree. In 1829, the Academy was extended to a two year program, conferring the MD degree, and the faculty was expanded to six chairs. The name was changed in 1829 to the Medical Institute of Georgia and in 1833 to the Medical College of Georgia.

Land and financial support for a building for the school was given by the city of Augusta and by the state. In 1835, the school moved into a building on Telfair Street, adjacent to the City Hospital. Close ties with the city of Augusta in furnishing clinical facilities were continued for over one hundred years. In 1913 the school moved to larger quarters in the renovated Tuttle-Newton Orphanage on the edge of town, and Augusta built a new city hospital nearby in 1915. Although city-owned, this was known as University Hospital, in recognition of its place as the teaching hospital of the school, which was by then the Medical Department of the University of Georgia. Financial support of the school in the early days was chiefly from lecture fees paid by the students. In 1873 an affiliation was made with the University of Georgia and the school became the Medical Department of the University. In 1911 the University took control of the property under a single board of trustees and a closer coordination of courses and entrance requirements was effected.

Both the financial and social pressures of the state were reflected in the fluctuations of fortune of the school between 1913 and 1950. Firm financial support from the state came only after years of persuasion by the citizens, alumni, and faculty. Accreditation ratings from the Council on Medical Education reflected the national drive for educational reform. There were recommendations for the relocation of the school, both to

Athens, in physical proximity to the University of Georgia, and to Atlanta, a more central and populous area of the state. As a result of the nationwide depression in the early 1930s, a move was made to close the school. This was avoided by a concerted drive from the city of Augusta and from alumni throughout the state.

Despite the crises, the curriculum of the school continued to expand in a similar, though sometimes slower, timetable typical of medical education in the rest of the nation. It weathered the storm which the Flexner report of 1910 precipitated in medical schools of the country and survived, in spite of Flexner's recommendation to close. As the nation entered into wars, faculty and students were affected, but the school closed only during 1861 to 1865 when students and faculty left in mass to serve in the Confederate Army. By 1928, when the school celebrated its one hundredth anniversary, the curriculum had been expanded to a four year course, with emphasis in the first two years on the basic sciences and the last two years on the clinical sciences, typical of the development of medical education throughout the country.

The 1950s brought rapid changes to the institution. In 1950 the School of Medicine (the name changed from the Department of Medicine in 1933) focused only on the medical program, the core upon which the school was founded. In that year the Board of Regents of the University System made the school an independent unit in the system, and for the sixth time in its history, the school's name was changed. It became the Medical College of Georgia. In 1956 a state constructed and managed teaching hospital replaced clinical arrangements with the city of Augusta and the growth of the school as a health sciences university began.

With the opening of the Eugene Talmadge Memorial Hospital in 1956, the nursing program was moved from the University of Georgia in Athens and the School of Nursing was established. Master's degrees in Medical Art and in the basic sciences were first awarded in 1950 under the School of Medicine. The School of Graduate Studies was established by the Board of Regents in 1962 and the first PhD degree awarded in 1963. The School of Allied Health Sciences was established in 1968,



bringing together existing training programs and expanding new studies in the health care supportive professions. The School of Dentistry was established in 1969 and the first degrees in dentistry were awarded in September 1973.

**SOURCE:** Extracted from an institutional overview prepared by Dorothy Hart Mims, former Librarian for Special Collections, for the institution's sesquicentennial in 1978.

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August 10, 2001

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## Chief Administrative Officers

Between the years 1833 and 1950, the administrator of MCG was a dean. In 1950, the Medical School became an independent institution in the University System; thus, G. Lombard Kelly was appointed the first president of the Medical College of Georgia.

Deans	
1829-1836	Lewis DeSaussure Ford
1836-1844	Paul Fitzsimmons Eve
1844-1857	George Madison Newton
1857-1861	Ignatius Poultney Garvin
1861-1876	Louis Alexander Dugas
1876-1880	Henry William DeSaussure Ford
1880-1884	George Washington Rains
1884-1893	Edward Geddings
1893-1894	Henry William DeSaussure Ford
1894-1896	Thomas Russell Wright
1896-1903	Eugene Foster
1903-1906	Henry William DeSaussure Ford
1906-1910	Joseph Eve Allen
1910-1923	William Henry Doughty, Jr.
1923-1931	William Henry Goodrich
1931-1934	William Lorenzo Moss
1934-1950	George Lombard Kelly
Presidents	
1950-1953	George Lombard Kelly
1953-1958	Edgar Rudolph Pund
1958-1972	Harry Barron O'Rear
1972-1983	William Henry Moretz
1983-1987	Jesse Leonard Steinfeld

1988-2001	Francis Joseph Tedesco
2001-present	Daniel Wallace Rahn

**Sources:** Librarians for Special Collections  
Medical Historian in Residence

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## Chronology of Deans

**(click school to view history of deans)**

[Allied Health Sciences](#): First degree in an allied health field awarded in 1964. Formally established as a separate school by Board of Regents in January 1968, incorporating programs already in existence.

[Dentistry](#): Established by Board of Regents in 1965. First students accepted in 1969. First degree awarded in 1973.

[Graduate Studies](#): Established as a separate school by Board of Regents in 1965. Programs formerly offered under Graduate Division. First Master's degree awarded in 1951; first PhD in 1966.

[Medicine](#): Established by legislative act in 1828. First degree awarded in 1833.

[Nursing](#): Begun in 1943 (first degree awarded in 1945) at the University of Georgia in Athens; moved to MCG campus in Augusta in 1956. First baccalaureate nursing degree awarded at MCG in 1957.

**SOURCE:** Librarian for Special Collections

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## Chronology of Deans - Allied Health Sciences

First degree in an allied health field awarded in 1964. Formally established as a separate school by Board of Regents in January 1968, incorporating programs already in existence.

Allied Health Sciences Deans	
1968-1988	Raymond C. Bard
1988-2001	Biagio J. Vericella
2001-present	Leona C. Mishoe (Interim)

**SOURCE:** Librarian for Special Collections

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## Chronology of Deans - Dentistry

Established by Board of Regents in 1965. First students accepted in 1969. First degree awarded in 1973.

Dentistry Deans	
1966-1987	Judson C. Hickey
1987-1988	Leon Leonard (Acting)
1988-1989	David Myers (Acting)
1989-2001	David Myers
2001-present	Brad J. Potter (Interim)

**Source:** Librarian for Special Collections

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## Chronology of Deans - Graduate Studies

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Established as a separate school by Board of Regents in 1965. Programs formerly offered under Graduate Division. First Master's degree awarded in 1951; first PhD in 1966.

Graduate Studies Deans	
1951-1957	William F. Hamilton*
1957-1960	Tom Findley*
1960-1964	W. Knowlton Hall*
1964-1965	Francis Behal*
1965-1971	Francis Behal
1971-1972	Raymond Bard (Acting)
1972-1974	Edward Bresnick
1974-1984	Sam A. Singal
1984-1985	Lowell M. Greenbaum (Acting)
1985-1994	Lowell M. Greenbaum
1994-1995	Darrell G. Kirch (Acting)
1995-1999	Darrell G. Kirch
1999-present	Matthew J. Kluger

\*Between the years of 1951 and 1965, the administrator of the graduate program was a division head. In 1965, the Board of Regents approved the established of a separate School of Graduate Studies. Thus, Francis Behal became the first dean of the school.

**Source:** Librarian for Special Collections

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## Chronology of Deans - Medicine

Established by legislative act in 1828. First degree awarded in 1833.

Medicine Deans	
1829-1836	Lewis DeSaussure Ford
1836-1844	Paul Fitzsimmons Eve
1844-1857	George Madison Newton
1857-1861	Ignatius Poultney Garvin
1861-1876	Louis Alexander Dugas
1876-1880	Henry William DeSaussure Ford
1880-1884	George Washington Rains
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1906-1910	Joseph Eve Allen
1910-1923	William Henry Doughty, Jr.
1923-1931	William Henry Goodrich
1931-1934	William Lorenzo Moss
1934-1950	George Lombard Kelly
1950-1953	George Lombard Kelly (+ President)
1953-1959	Harry Barron O'Rear
1959-1960	Walter Gowans Rice (Acting)
1960-1969	Walter Gowans Rice
1969-1971	Christopher C. Fordham, III
1971-1972	Curtis H. Carter (Acting)
1972-1975	Curtis H. Carter
1975-1976	William H. Moretz (Acting + President)
1976-1984	Fairfield Goodale

1984-1985	Paul D. Webster, III (Interim)
1985-1985	Norman H. Bass
1985-1986	Albert W. Pruitt (Interim)
1986-1988	Francis J. Tedesco (Interim)
1988-1988	Albert W. Pruitt (Interim)
1988-1989	Charles H. Wray (Interim)
1989-1992	Gregory L. Eastwood
1992-1994	Charles H. Wray (Interim)
1994-2000	Darrell G. Kirch
2000-present	Betty B. Wray (Interim)

**Sources:** Librarian for Special Collections  
Medical Historian in Residence

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## Chronology of Deans - Nursing

Begun in 1943 (first degree awarded in 1945) at the University of Georgia in Athens; moved to MCG campus in Augusta in 1956. First baccalaureate nursing degree awarded at MCG in 1957.

Nursing Deans	
1944-1951	Phoebe Kandel Rohrer*
1951-1956	E. Louise Grant*
1956-1971	E. Louise Grant
1971-1977	Dorothy T. White
1977-1979	Neila A. Poshek
1979-1990	Mary E. Conway
1990-2001	Vickie A. Lambert
2002-present	Marlene M. Rosenkoetter

\*Between the years of 1944 and 1956, the administrator of the nursing program was a department head. In 1956, the Department of Nursing moved from the University of Georgia in Athens to the Medical College of Georgia in Augusta. Thus, Dr. Grant became the first Dean of the School of Nursing.

**Source:** Librarian for Special Collections

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## MCG Mission Statement

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### *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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## Statement of Non-discrimination

The Medical College of Georgia is an affirmative action/equal opportunity educational institution that prohibits discrimination on the basis of age, disability, gender, national origin, race, religion, sexual orientation, or status as a Vietnam War Era veteran.

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August 07, 2001





# Board of Regents of the University System of Georgia *70<sup>th</sup> Year*

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## Featured Sites:

The University System of Georgia offers students higher education options at 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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USA

*This page was last modified on January 29, 2002.*



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## Accreditation Status

### Institutional Accreditation

The Medical College of Georgia is accredited by the Commission on Colleges of the [Southern Association of Colleges and Schools](#) (1866 Southern Lane, Decatur, Georgia 30033-4097: Telephone number 404-679-4501) to award one-year and advanced certificates and degrees at the baccalaureate, master's, first professional, and doctoral levels.

The institution was last visited by the [Southern Association of Colleges and Schools](#) (SACS) on February 28-March 2, 2000. More information about the self-study and the site visit can be found at the [1998-2000 Institutional Self-Study](#) Web site.

### Programmatic Accreditation

All eligible academic programs maintain accreditation by the appropriate specialized accrediting bodies. Program-specific information is available below.

- [Doctor of Dental Medicine](#)
- [Doctor of Medicine](#)
- [Master's of Nursing in Nursing Anesthesia](#)
- [Master's of Nursing as Nurse Practitioner \(Family, Neonatal, Pediatric\)](#)
- [Master's of Physical Therapy](#)
- [Master's of Science in Medical Illustration](#)
- [Master's of Science in Nursing](#)
- [Bachelor's of Science in Dental Hygiene](#)
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## University System of Georgia

REGENT	DISTRICT & TERM	ADDRESS
<b>CARTER, Hugh A., Jr.</b>	At-Large (08/08/00 - 1/01/09)	Darby Printing 6215 Purdue Drive Atlanta, GA 30336 PH 404-344-2665 FAX 404-346-3332
<b>CATER, (Mr.) Connie</b>	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
<b>CLEVELAND, William H.</b>	At-Large (10/04/01 - 1/01/09)	3620 Martin Luther King Dr. Atlanta, GA 30331 PH 404-696-7300 FAX 404-696-0509
<b>COLES, Michael J.</b>	Sixth (1/09/01 - 1/01/08)	2450 Kirk Lane Kennesaw, GA 30152 PH 888-453-0210 FAX 254-694-2942
<b>HARRIS, Joe Frank</b> (VICE CHAIR)	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> (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
<b>HUNT, John</b>	Second (1/07/97 - 1/01/04)	JH Services, Inc. PO Box 1005 Tifton, GA 31793 PH 912-382-6021 FAX 912-382-5173
<b>LEEERN, Donald M., Jr.</b>	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

<b>MAGILL, Allene H.</b>	Ninth (2/13/01 - 1/01/08)	Dalton Public Schools 100 S. Hamilton Street Dalton, GA 30720 PH 706-271-2601 FAX 706-271-2656
<b>McMILLAN, Elridge W.</b>	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
<b>NeSMITH, Martin W.</b>	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
<b>SHELNUT, J. Timothy</b>	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>	Eleventh (1/01/98 - 1/01/05)	First Bank of Gwinnett 2230 Riverside Parkway Lawrenceville, GA 30043 PH 770-237-0007 FAX 770-237-9621
<b>WOOTEN, Joel O., Jr.</b>	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
<b>YANCEY, James D.</b>	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
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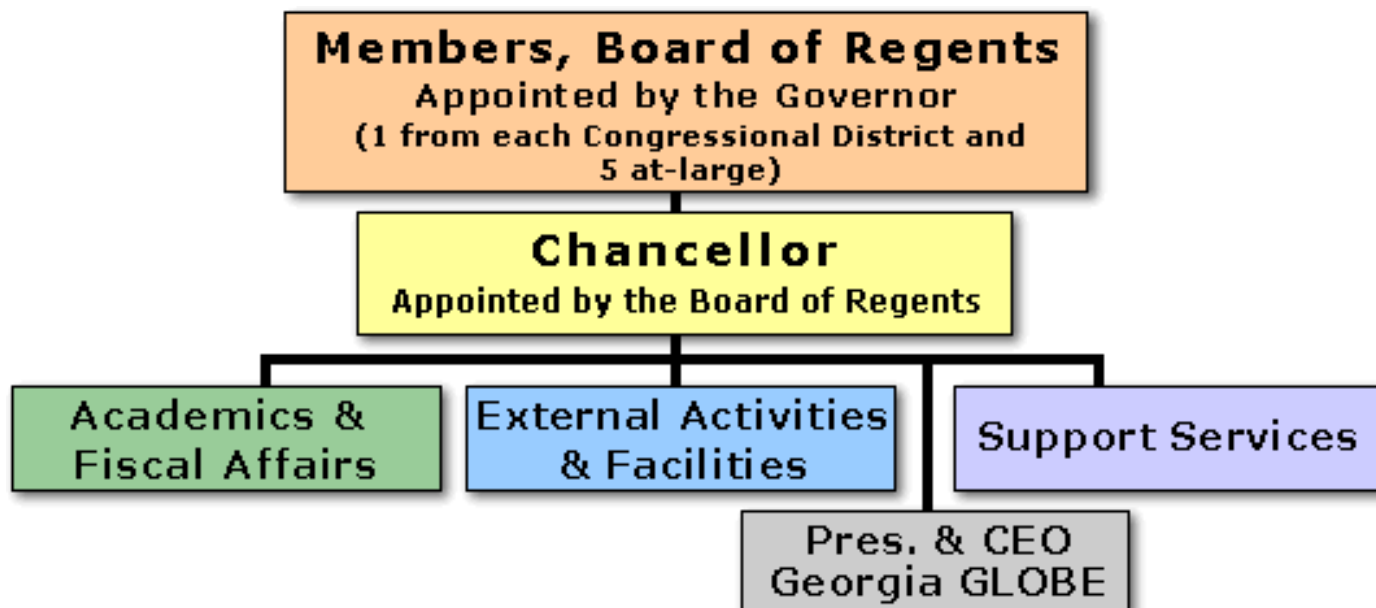
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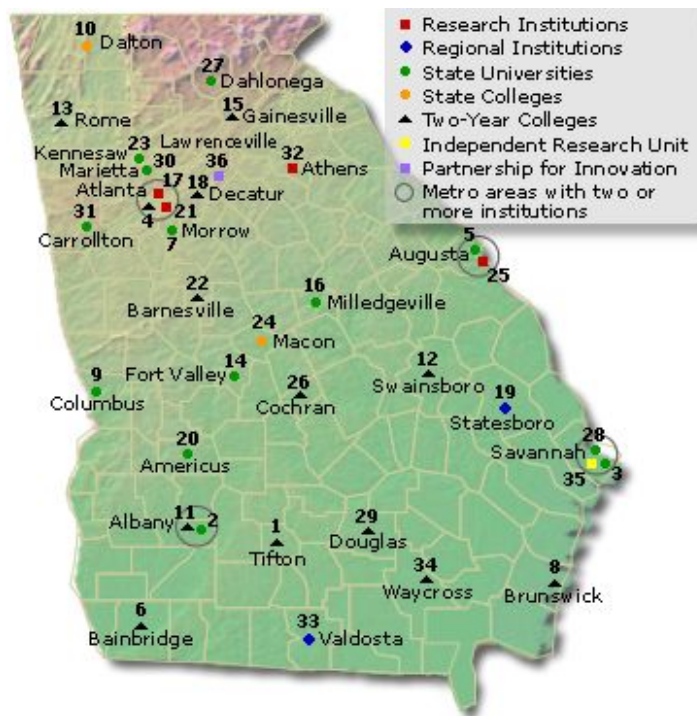
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Degree Level	MAJORS (Concentration not included)		
Doctoral	PhD	Anatomy, Biochemistry, Endocrinology, Microbiology, Molecular Medicine, Nursing, Oral Biology, Pharmacology, Physiology, Vascular Biology	
First Professional	MD	Medicine	
	DMD	Dentistry	
Masters	MHE	Allied Health Sciences	
	MN	Family Nurse Practitioner, Neonatal Nurse Practitioner, Nursing Anesthesia, Pediatric Nurse Practitioner	
	MPT	Physical Therapy	
	MS	<b>Allied Health:</b> Allied Health Disciplines	
		<b>Biomedical Sciences:</b> Anatomy, Biochemistry, Endocrinology, Microbiology, Pharmacology, Physiology	
	MSOB	<b>Dental Sciences:</b> Oral Biology	
	MSN	<b>Nursing Sciences:</b> Nursing	
MSMI	Medical Illustration		
Baccalaureate	BS	<b>Allied Health:</b> Dental Hygiene, Health Information Administration, Medical Technology, Occupational Therapy, Physician Assistant, Respiratory Therapy	
		<b>Nursing:</b> Nursing	
		<b>Radiologic Sciences:</b> Radiography, Nuclear Medicine Technology, Diagnostic Medical Sonography, Radiation Therapy Technology, Medical Dosimetry	

Certificate		Diagnostic Medical Sonography, Health Information Administration, Medical Technology, Nuclear Medicine Technology, Radiation Therapy Technology
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**SOURCE:** Office of the Registrar

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## 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 [Allied Health Sciences](#), [Dentistry](#), [Graduate Studies](#), [Medicine](#), and [Nursing](#).

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.

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August 20, 2001

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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.

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August 07, 2001

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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 programs for evaluation of prospective and enrolled students. These standards are admissions and graduation guidelines and are subject to continuing revision and improvement.

## Readmission of Former Students

Former students of the School of Allied Health Sciences or the School of Nursing who wish to return to the same program previously attended may contact the registrar concerning readmission procedures. Other former students seeking readmission should contact the appropriate admissions office.

## Transient Students

A student who has taken work in a college or university may apply for temporary registration at the Medical College of Georgia as a transient student. Such a student ordinarily will be one who expects to return to the college or university in which he/she was previously enrolled.

## International Student Requirements

Before a formal application can be considered, international applicants to the Schools of Allied Health Sciences, Nursing and Graduate Studies must provide certain preliminary admissions information including an official evaluation completed by one of our designated evaluation services. The designated

services are [Joseph Silny & Associates, Inc.](#), [World Education Services, Inc.](#), and [Educational Credential Evaluators, Inc.](#)

Scores on the Test of English as a Foreign Language ([TOEFL](#)) must be submitted and, for undergraduate applicants to the School of Nursing, scores on the [SAT](#) or the [ACT](#) must be submitted, together with an estimate of the total amount of money which the student can apply toward his education for the upcoming year. Address all inquiries to the [Office of Academic Admissions](#), 170 Kelly Building--Administration, Medical College of Georgia, Augusta, GA 30912.

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January 30, 2002



# Board of Regents Policy Manual

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## **SECTION 400**

### **STUDENT AFFAIRS**

#### **401 GENERAL POLICY**

##### **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 institution 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).

## **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:

College Preparatory Curriculum. 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.

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.

**Freshman Index.** 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:

$$FI = 500 \times (HSGPA) + SAT \text{ I Verbal} + SAT \text{ I Math}$$

OR

$$FI = 500 \times (HSGPA) + (ACT \text{ Composite} \times 42) + 88$$

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.

**PRESIDENTIAL EXCEPTIONS:** Presidents of University System institutions may grant exceptions to the CPC and FI requirements for Limited Admissions if the student shows promise for academic success in college. Institutions will be required to report to the Senior Vice Chancellor for Academics and Fiscal Affairs on those students granted presidential exceptions. Presidential Exceptions 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. ALTERNATIVE REQUIREMENTS FOR HOME-SCHOOLED STUDENTS AND GRADUATES OF NONACCREDITED HIGH SCHOOLS**

Applicants from home schools or graduates of nonaccredited high schools may validate the CPC in an alternative way. SAT I scores and satisfactory documentation of equivalent competence in each of the CPC areas at the college preparatory level may be used in lieu of the Freshman Index and Carnegie unit requirements of the CPC.

A student whose SAT I Composite (Verbal plus Mathematics) score is at or above the average SAT I score of the previous year's fall semester first-time freshmen admitted to the University System institution to which he or she is applying and who has completed the equivalent of each of the CPC areas as documented by a portfolio of work and/or other evidence that substantiates CPC completion qualifies for consideration for admission. Students in this category must also meet the minimum SAT I Verbal requirement and the minimum SAT I Mathematics requirement for the sector to which they apply.

Applicants who achieve designated scores on each of the following SAT II Subject Tests in a CPC area will be considered to have demonstrated equivalent CPC competence and do not need to submit additional documentation in that area: English Writing, Literature, Math IC or Math IIC, American History & Social



Studies, World History, Biology, and one of the following:  
Chemistry or Physics.

Students admitted in this category with satisfactory documentation of CPC competence in all areas will not be counted in the institution's Limited Admissions (including Presidential Exceptions) category. Those with qualifying SAT I scores and documentation of partial CPC completion may be admitted on the same basis and with the same conditions as other students with CPC deficiencies.

### 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:

<b>MINIMUM SYSTEM ADMISSION STANDARDS FOR TRANSFER STUDENTS</b>		
<b>SECTOR</b>	<b>30-59 *SEMESTER CREDITS</b>	<b>60 OR MORE SEMESTER CREDITS</b>
<b>Research Universities</b>	<b>At least 2.3 GPA** and have met all LS and CPC requirements</b>	<b>At least 2.3 GPA</b>

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	Eligible to continue or return to sending institution

\* 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.

Priority Consideration. 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. Institutions may set additional criteria for admission of non-traditional students.

### A. Non-Traditional Freshmen

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

1. Have been out of high school at least five years and 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.

All non-traditional freshmen 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. As an alternative, an institution may allow non-traditional freshmen who have within the past seven years posted SAT scores of at least 500 in both Verbal and Mathematics or ACT scores of at least 21 on both English and Mathematics to exempt the CPE/COMPASS placement test.

### B. Non-Traditional Transfers

Non-traditional transfer students 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. Have earned 30 or more transferable hours of college credit (as defined in section 402.0101).

A non-traditional transfer student can be admitted, according to the institution's policy, if his/her transfer GPA is below the transfer standard for the institution's sector. These students do not count against the number of Limited Admissions allowed for transfer students at that institution. Institutions should require placement criteria as appropriate.

## **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 high

school diploma or equivalent. Students registered as auditors shall be required to pay the regular tuition and fees for enrollment.

## **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**

An applicant may be declared eligible for admission, registration, enrollment or re-enrollment at a University System institution only after satisfying all requirements established by the University System of Georgia and the institution concerned. The institution shall have the right to examine and appraise the character, personality and qualifications of the applicant. In order that this examination and appraisal may be made, the applicant shall furnish to the institution such biographical and other information, including references, as may be required.

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**

The social security number shall be required from all entering students for a permanent and lasting record. When possible, an alternative number will be assigned and used by institutions for all purposes which do not require the social security number. In no event shall grades be posted by using the social security number. The University System of Georgia is dedicated to insuring the privacy and proper handling of confidential information pertaining to students and employees.

## **403 STUDENT RESIDENCY**

### **403.01 OUT-OF-STATE ENROLLMENT**

Each University System institution is required to file an annual report detailing the number of out-of-state students enrolled during the previous academic year (BR Minutes, April, 1995, p. 21).

### **403.02 CLASSIFICATION OF STUDENTS FOR TUITION PURPOSES**

- A. (1) If a person is 18 years of age or older, he or she may register as an in-state student only upon 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 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 section 704.0302 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 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 Assistant Vice Chancellor for Internal Audit (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 institution 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 1902](#).

## **406.04 ALCOHOL AND DRUGS ON CAMPUS**

The Board of Regents recognizes and supports 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 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 Associate 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 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).

## **407.02 APPEALS ON OTHER MATTERS**

Appeals by or on behalf of students on other matters or applicants for admission 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 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 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 bylaws. The Student Advisory Council shall create bylaws that will be reported to the Board of Regents for information purposes.

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*Last modified: November 19, 2001.*

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## 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.

[Core Curriculum for the School of Nursing](#)

[Core Curriculum for the School of Allied Health Sciences](#)

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Please email comments, suggestions or questions to:  
Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

August 07, 2001

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## School of Nursing Core Curriculum

A. Essential Skills	9 semester hours
<ul style="list-style-type: none"> <li>● English Composition I (3 hours)</li> <li>● English Composition II-Literature based (3 hours)</li> <li>● College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours)</li> </ul>	
B. Institutional Options	4 - 5 semester hours
<p>If a student planning to transfer to MCG from another school in the University System of Georgia has completed this area with courses taken 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:</p> <ul style="list-style-type: none"> <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> <li>● Speech</li> <li>● Technical/Scientific Writing</li> <li>● Any approved guided elective from Area F</li> </ul>	
C. Humanities and Fine Arts	6 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:

- 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

18 semester hours

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

**REQUIRED:**

Anatomy and Physiology	8 hours
Microbiology	4 hours
Applied Statistics*	3 hours
Human Growth & Development	3 Hours
Guided electives from sociology, psychology	0-3 Hours

\*If this course is taken in another area of the core, the hours would be available to be taken in guided electives.

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August 21, 2001

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

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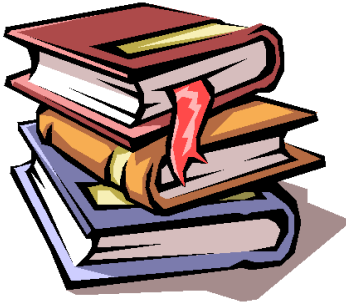
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Please email comments, suggestions or questions to:  
Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

August 07, 2001



## The Office of the Registrar

Academic regulations and calendars are maintained by the Office of the Registrar at the Medical College of Georgia. The office is located in room 171 in the [Kelly Administration Building](#) on Laney-Walker Boulevard. Office hours 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.

[Information for Enrolled Students](#)

[Information for Prospective MCG Students](#)

[Division of Student Affairs](#)

### Contact Information:

Office of the Registrar  
Medical College of  
Georgia  
1120 15th Street, AA 171  
Augusta GA 30912-7315  
Office #: (706) 721-2201  
Office Fax#: (706) 721-  
0186  
Office Hours 8-5 M-F

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# Medical College of Georgia

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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***

Freshman	less than 30
Sophomore	at least 30
Junior	at least 60
Senior	at least 90

## Grades

The Medical College of Georgia is on the 4.0 grade point average system. The following grades are approved for use in the Medical College of Georgia and are included in the determination of the grade point average:

<b><i>Grade</i></b>	<b><i>Description</i></b>	<b><i>Grade Points</i></b>
A	excellent	4.0
B	good	3.0

C	satisfactory	2.0
D	passing*	1.0
F	failure	0.0
WF	withdrew, failing	0.0

The following symbols are approved for use in the cases indicated, but will not be included in the determination of the grade point average.

I - This symbol indicates that a student was doing satisfactory work but, for non-academic reasons beyond his/her control, was unable to meet the full requirements of the course. The requirements for removal of an *I* are left to the respective schools; however, if a school does not designate a shorter time period, an *I* not satisfactorily removed after two semesters in residence will be changed to the grade of F by the registrar.

If a student is assigned an *I*, the course director must notify the student in writing of the requirements for removal of the *I* and of the deadline for removal of the *I*. A copy of the notice must be submitted to the Office of the Registrar at the time the *I* is submitted. An e-mail notification to the student, with a copy of the e-mail sent electronically to the Office of the Registrar ([registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)), meets the requirements of this policy.

W- This symbol indicates that a student was permitted to withdraw without penalty. Any student who withdraws on or before midterm will receive a *W*. Withdrawals without penalty will not be permitted after the mid-point of the total grading period (including final examinations) except in cases of hardship as determined by the appropriate academic dean.

S - This symbol indicates that credit has been given for completion of degree requirements other than academic course work. The use of this symbol is approved only for dissertation and thesis hours, student teaching, clinical practicum, internship and proficiency requirements in graduate programs.

U - This symbol indicates unsatisfactory performance in an attempt to complete degree requirements other than academic course work. The use of this symbol approved only for dissertation and thesis hours, student teaching, clinical practicum, internship and proficiency requirements in graduate programs.

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.

This symbol indicates that a student was given credit for the course via a K - credit by examination program approved by the respective school's faculty. (CLEP, AP, Proficiency, etc).

At MCG, this symbol designates a course that extends beyond the semester. CP- 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 each semester. The achievement of each student who qualifies is acknowledged and noted on the student's permanent record. To qualify for the Dean's List, a student must have attempted 12 or more hours of graded academic work in a semester and have achieved a grade point average of at least 3.50. For students with Incompletes, Dean's List computations will not be made until a grade is determined.

Dean's List qualifications for the [School of Dentistry](#) are stated in the school's section of the [catalog](#).

### Graduation with Honors

**Baccalaureate Degrees** MCG awards undergraduate degrees with honors to candidates who meet specific standards of academic excellence as measured by the grade point average. In order to be considered for a degree with honors, a student must have completed a minimum of 60 semester hours in residence for a baccalaureate degree, and only work taken in residence\* will be considered. The honors grade point average is computed beginning with the semester of initial enrollment or with enrollment in the School of Nursing or current program for students in the School of Allied Health Sciences. The standards are as follows:

*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.

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\*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.

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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 the [catalog](#) under the sections for the [School of Medicine](#), [School of Dentistry](#) and [School of Graduate Studies](#).

### *Requirements for Baccalaureate Degrees*

Requirements in addition to those listed below for baccalaureate degrees may be stated in the catalog under the sections for the [School of Allied Health Sciences](#) and the [School of Nursing](#).

1. Recommendation by Faculty. It is implicit in the requirements for all degrees conferred by the university that the faculty of each school recommend each candidate for a degree as having met all requirements for the degree to be conferred.
2. Residence Requirements. Every candidate for a baccalaureate degree at the Medical College of Georgia must earn a minimum of 30 semester hours in residence.

3. Total Credit Requirements. A minimum of 120 semester hours (excluding physical education) is required for a baccalaureate degree.

4. [Regents' Testing Program Examination Requirement](#). The University System of Georgia requires that each student receiving a bachelor's degree from a state-supported college must have successfully completed this examination (See the section on the Regents Testing Program Examination in this catalog.)

5. Examinations on the History and Constitutions of the United States and Georgia. Examinations on these subjects are required of all baccalaureate degree students unless exempted by presentation of course credit dealing with these constitutions and histories. The examination will be given by the Registrar's office. Students are advised to meet this requirement early in their academic career.

6. Scholarship. An undergraduate degree shall not be conferred on any person whose overall grade point average (for courses in residence) is less than 2.0. Credit hours in courses with the grade of D shall not exceed 20 percent of the total hours (including transfer hours) used as credits for a degree. Individual curricula may establish higher standards for achievement, in which case, the higher standards shall apply.

### *Application for Graduation*

Application for graduation must be made by each candidate on a form obtainable from the following offices:

Allied Health Sciences	Departments
Dentistry	Associate Dean for Academic Affairs
Graduate Studies	Dean
Medicine	Curriculum
Nursing	Advisement and Records

The application form should be completed by registration of the semester in which the student will graduate. The candidate for a degree from the university must attend the commencement exercise at which the degree is to be conferred, unless he/she is officially excused in writing by the appropriate academic dean.

Only those students who have completed requirements for the degree by the date of graduation will be allowed to participate in commencement exercises and to have their names listed in the program. Exceptions to this policy may be made for:

1. Students who are expected to complete requirements within a few weeks following commencement either at an affiliated college or at MCG. In the case of those at MCG, this is permitted only upon the recommendation of the dean and the president and the actual date of completion of requirements must

appear on the diploma. These exceptions apply only to students scheduled for completion of requirements prior to the end of summer semester. The student will receive a mock diploma in the ceremony.

2. Students enrolled in an academic program with a restrictive curriculum which provides completion of requirements only after the normal graduation time but before Dec. 31. All academic major areas under these guidelines must be approved for special graduation participation by the academic dean and the president. Only an academic major area can be approved, not an individual. The allowance will be restricted to undergraduate majors. The student will receive a mock diploma in the ceremony. The student's name in the program will be footnoted explaining the special circumstances of his/her participation.

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## 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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## School of Allied Health Sciences

### Augusta

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

<b>Fall Semester 2001 and Spring Semester 2002</b>	<b>Georgia Residents</b>	<b>Non-Residents</b>
<b>All fees are subject to change.</b>		
Tuition per Semester (All Full-time students)	\$ 1,316.00	\$ 5,264.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Activity Fee	38.00	38.00
Health Fee (Students w/ 6 or more hours per semester).	105.00	105.00
<b>TOTAL per semester</b>	<b>\$ 1,534.00</b>	<b>\$ 5,482.00</b>

Georgia residents taking fewer than 12 semester hours will pay \$ 110.00 per credit hour in tuition; non-residents will pay \$ 440.00 per credit hour in tuition.

<b>Columbus</b> Occupational Therapy		
<b>Fall Semester 2001 and Spring Semester 2002</b>	<b>Georgia Residents</b>	<b>Non-Residents</b>
<b>All fees are subject to change.</b>		
Tuition per Semester (All Full- time students)	\$ 1,316.00	\$ 5,264.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	172.00	172.00
<b>TOTAL per semester</b>	<b>\$ 1,563.00</b>	<b>\$ 5,511.00</b>
Georgia residents taking fewer than 12 semester hours will pay \$ 110.00 per credit hour in tuition; non-residents will pay \$ 440.00 per credit hour in tuition.		

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Donna Mallery C.P.A. Comptroller, [dmallery@mail.mcg.edu](mailto:dmallery@mail.mcg.edu)

January 27, 2002

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## School of Dentistry

For additional budget information, please see the [School's Admissions Bulletin](#).

<b>Fall Semester 2001 and Spring Semester 2002</b>	<b>Georgia Residents</b>	<b>Non-Residents</b>
<b>All fees are subject to change.</b>		
Tuition per Semester (All Full-time students)	\$ 3,020.00	The School of Dentistry does not accept non-residents
Student Fitness Center Fee (*1st & 2nd year students only)	*50.00	
Technology Fee (All students regardless of hrs - per semester)	75.00	
Activity Fee	38.00	
Health Fee (Students w/ 6 or more hours per semester).	105.00	
<b>TOTAL per semester</b>	<b>\$ 3,288.00</b>	

Georgia residents taking fewer than 12 semester hours will pay \$ 252.00 per credit hour in tuition.

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<b>School of Graduate Studies</b>		
<b>Programs in Augusta</b>		
<b>Fall Semester 2001 and Spring Semester 2002</b>	<b>Georgia Residents</b>	<b>Non-Residents</b>
<b>All fees are subject to change.</b>		
Tuition per Semester (All Full- time students)	\$ 1,578.00	\$ 6,312.00
Student Fitness Center Fee (*1st year Bio-Med Only)	*50.00	*50.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Activity Fee	38.00	38.00
Health Fee (Students w/ 6 or more hours per semester).	105.00	105.00
<b>TOTAL per semester</b>	<b>\$ 1,846.00</b>	<b>\$ 6,580.00</b>
Georgia residents taking fewer than 12 semester hours will pay \$ 132.00 per credit hour in tuition; non-residents will pay \$ 528.00 per credit hour in tuition.		

<b>Master of Physical Therapy Program in Albany</b>		
<b>Fall Semester 2001 and Spring Semester 2002</b>	<b>Georgia Residents</b>	<b>Non-Residents</b>
<b>All fees are subject to change.</b>		
Tuition per Semester (All Full- time students)	\$ 1,578.00	\$ 6,312.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	234.00	234.00
<b>TOTAL per semester</b>	<b>\$ 1,887.00</b>	<b>\$ 6,621.00</b>
Georgia residents taking fewer than 12 semester hours will pay \$ 132.00 per credit hour in tuition; non-residents will pay \$ 528.00 per credit hour in tuition.		

<b>Master of Nursing Program in Columbus</b>		
<b>Fall Semester 2001 and Spring Semester 2002</b>	<b>Georgia Residents</b>	<b>Non-Residents</b>
<b>All fees are subject to change.</b>		
Tuition per Semester (All Full- time students)	\$ 1,578.00	\$ 6,312.00

Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	172.00	172.00
<b>TOTAL per semester</b>	<b>\$ 1,825.00</b>	<b>\$ 6,559.00</b>

Georgia residents taking fewer than 12 semester hours will pay \$ 132.00 per credit hour in tuition; non-residents will pay \$ 528.00 per credit hour in tuition.

<b>Master of Nursing Program in Athens (SONAT)</b>		
<b>Fall Semester 2001 and Spring Semester 2002</b>	<b>Georgia Residents</b>	<b>Non-Residents</b>
<b>All fees are subject to change.</b>		
Tuition per Semester (All Full- time students)	\$ 1,578.00	\$ 6,312.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	318.00	318.00
<b>TOTAL per semester</b>	<b>\$ 1,971.00</b>	<b>\$ 6,705.00</b>

Georgia residents taking fewer than 12 semester hours will pay \$ 132.00 per credit hour in tuition; non-residents will pay \$ 528.00 per credit hour in tuition.



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## School of Medicine

For additional budget information, please see the [School's Admissions Bulletin](#).

Please read the School of Medicine [Tuition Payment Policy](#).

<b>Fall Semester 2001 and Spring Semester 2002</b>	<b>Georgia Residents</b>	<b>Non-Residents</b>
<b>All fees are subject to change.</b>		
Tuition per Semester (All Full-time students)	\$ 3,545.00	\$ 14,180.00
Student Fitness Center Fee (*1st & 2nd year students only)	*50.00	*50.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Activity Fee	38.00	38.00
Health Fee (Students w/ 6 or more hours per semester).	105.00	105.00
<b>TOTAL per semester</b>	<b>\$ 3,813.00</b>	<b>\$ 14,448.00</b>

Georgia residents taking fewer than 12 semester hours will pay \$ 296.00 per credit hour in tuition; non-residents will pay \$ 1,184.00 per credit hour in tuition.

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<b>School of Nursing</b>		
<b>BSN and RN-to-BSN Programs in Augusta</b>		
<b>Fall Semester 2001 and Spring Semester 2002</b>	<b>Georgia Residents</b>	<b>Non-Residents</b>
<b>All fees are subject to change.</b>		
Tuition per Semester (All Full-time students)	\$ 1,316.00	\$ 5,264.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Activity Fee	38.00	38.00
Health Fee (Students w/ 6 or more hours per semester).	105.00	105.00
<b>TOTAL per semester</b>	<b>\$ 1,534.00</b>	<b>\$ 5,482.00</b>
Georgia residents taking fewer than 12 semester hours will pay \$ 110.00 per credit hour in tuition; non-residents will pay \$ 440.00 per credit hour in tuition.		

<b>BSN and RN-to-BSN Programs in Athens</b>		
<b>Fall Semester 2001 and Spring Semester 2002</b>	<b>Georgia Residents</b>	<b>Non-Residents</b>
<b>All fees are subject to change.</b>		
Tuition per Semester (All Full- time students)	\$ 1,316.00	\$ 5,264.00
Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	318.00	318.00
<b>TOTAL per semester</b>	<b>\$ 1,709.00</b>	<b>\$ 5,657.00</b>
Georgia residents taking fewer than 12 semester hours will pay \$ 110.00 per credit hour in tuition; non-residents will pay \$ 440.00 per credit hour in tuition.		

<b>RN-to-BSN Programs in BARNESVILLE (Gordon College)</b>		
<b>Fall Semester 2001 and Spring Semester 2002</b>	<b>Georgia Residents</b>	<b>Non-Residents</b>
<b>All fees are subject to change.</b>		
Tuition per Semester (All Full- time students)	\$ 1,316.00	\$ 5,264.00

Technology Fee (All students regardless of hrs - per semester)	75.00	75.00
Health, & Activity Fee (Students w/ 6 or more hours per semester).	Gordon Coll. 60.00 Fees	Gordon Coll. 60.00 Fees
<b>TOTAL per semester</b>	<b>\$</b>	<b>\$</b>
<p>Georgia residents taking fewer than 12 semester hours will pay \$ 110.00 per credit hour in tuition; non-residents will pay \$ 440.00 per credit hour in tuition.</p>		

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 January 27, 2002



This site provides a free, comprehensive, independent, and objective guide to student financial aid.

For additional student financial aid information go to:



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



**Office Of Student Financial Aid**  
**2013 Administration Building**  
**Augusta, GA 30912-7320**  
**(706) 721-4901**

[Student Financial Aid Guide](#)

[Applying for Financial Aid](#)

[2002-2003 MCG Application/Information](#)

[2002-2003 Hope Grant Application](#)

[2001-2002 MCG Application/Information](#)

[2001-2002 Hope Grant Application](#)

**Types of Aid** - Aid may be in the form of a scholarship or grant, a loan, a service commitment program, or employment.

- Scholarships and Grants:
  - [Scholarships and Grants Awarded by MCG](#)
  - [Scholarships/Grants Which Require Additional Application](#)
  - [Service Commitment Programs](#)
- [Loans](#)
- [Employment and Assistantships](#)
- [Other Assistance](#)

**Other Information:**

- [Stafford Loan Entrance Counseling](#)
- [Stafford Loan Exit Counseling](#)
- [National Student Loan Data System](#)  
(find out about your student loan history)
- [FAFSA On the Web](#)

- [ELM Resources](#)

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[Office of Student Financial Aid](#)  
[Information for Current Students](#) | [Medical College of Georgia](#)

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Please email comments, suggestions or questions to:  
John Powell, [osfa@mail.mcg.edu](mailto:osfa@mail.mcg.edu)

January 31, 2002





# Medical College of Georgia (001579) Student Financial Aid Guide

Office of Student Financial Aid - AA2013 1120 Fifteenth St. - Augusta, GA. 30912-7320 Phone (706) 721-4901

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## Applying for Financial Aid

To apply for the Federal Pell Grant, the Federal Stafford Student Loan, the Service-Cancelable Loan, the HOPE Scholarship and other 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 begin issuing award letters in May. Forms and instructions on applying for aid are on our website at [www.mcg.edu/students/finaid/](http://www.mcg.edu/students/finaid/). Apply for financial aid as soon after **January 1st** as possible. You must be admitted to MCG as a certificate or degree-seeking student before aid will be offered. **However you should not wait until you have been accepted to begin your application for financial aid.**

You can submit your **Free Application for Federal Student Aid (FAFSA)** by completing the **FAFSA** on the web at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Read and follow the instructions. It takes two (2) weeks for you to receive your Student Aid Report (SAR) when you apply on the website. Do not delay in submitting your FAFSA. Be sure to enter the **MCG Title IV Code Number 001579** as one of the schools which should receive your information. If you fail to do this we will not receive an electronic download of your data and processing will be delayed.

Submit the **signed MCG Financial Aid Application** to the Office of Student Financial Aid as soon as possible

Once you have received your Student Aid Report (SAR), review the form for accuracy. If correct, keep all original pages of the SAR. If you need to make any corrections to your information or your parent's information, you will need to make those changes via the FAFSA website using your assigned PIN (Personal Identification Number) provided to you by the Department of Education. If you need to change your parent's information, your parents will also need an assigned PIN number. You will also need to provide the Department of Education an email address they can use for communicating information to you.

The federal processor selects a significant number of applicants for a process called verification. **Verification requires our office to check the data you entered on your FAFSA against other sources of the same data.** If your Student Aid Report (SAR) states that you have been chosen for verification, you will need to submit your Worksheets A, B, and C from the FAFSA, a completed Verification Worksheet, and a signed photocopy of your Federal Income Tax Return. If you provided parent information on the FAFSA, also submit a signed photocopy of your parents' Federal Income Tax Return. The Worksheets A,B&C and the Verification Worksheets will be available on our website. If the federal processor discovers a discrepancy when matching your file to one of the federal databases (INS, Selective Service, Social Security Administration, Veterans Administration, National Student Loan Database) your SAR will inform you that you will be required to submit additional documents to our office. Be sure to include your name and social security number on every document you submit to our office. All significant documents should be submitted to our office by our **March 31st, the application deadline for early consideration.** Electronic corrections will be made in this office only for those students chosen for verification.

**\* IMPORTANT! If you want to be considered for all types of financial aid from all sources, please include your parents' information on your FAFSA. This information is optional FAFSA information for "independent students", but required for any student to be eligible for scholarships such as federal Scholarships for Disadvantaged Students or selected institutional scholarships. It is required regardless of your age, dependency status, or marital status. Both student and parent data must be submitted at the time of application. If you are "independent", you will still be considered as "independent" for standard aid programs not requiring parent information. Your parent's data will not be used to determine your eligibility for those programs. You and your parents must have Department of Education PIN numbers or you must mail the Department of Education a parental signature page in order to provide parental data on your FAFSA.**

**Late applicants:** If you complete your MCG Financial Aid application and all required forms less than **90 days** before registration, it is unlikely that there will be sufficient time for your application to be fully processed by registration. All application requirements must be submitted and processed by the Department of Education and received in our office by May 15 for you to receive consideration for aid in the first semester (Fall) covered by this application (Fall, Spring, & Summer ). Students/families will be expected to assume full responsibility for payment of all charges at the time of registration. MCG accepts personal checks, MasterCard and Visa. MCG cannot defer tuition, housing, and other fees for students.

**Note to new students who are entering MCG in the Summer (Nursing, PA, & MT(4+1)) :** Though Summer Semester is your first Semester at MCG, it is the last semester of the current financial aid award year and academic year (trailing award period). You will need to complete **two financial aid applications**, one to cover your first Summer Semester at MCG and one to cover your next complete award year at MCG (Fall, Spring, & next summer). Each year's MCG application shows the semesters covered by the application. Please be careful to complete the application(s) needed to cover the semesters for which you need assistance. All applications, links to required federal applications, and forms are on our web site.

## **TYPES OF AID**

Aid may be in the form of a scholarship or grant, a loan, a service commitment program, or employment. The following program descriptions are grouped by type of aid and source.

## **SCHOLARSHIPS AND GRANTS**

\* Awards and/or nominations for the following scholarships and programs are made by MCG. By applying for MCG assistance, you will be considered for the programs for which you are eligible. The actual assistance offered to you will depend on the funds available and your eligibility. Need based aid is awarded based on you and/or your spouse's income, your parents' income, or both. Non-need based aid is awarded based on criteria other than income. Some scholarships use a combination of need and non-need criteria to determine eligibility.

### ***Federal Scholarships and Grants (Need Based):***

- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant
- Financial Assistance for Disadvantaged Health Professions Students Scholarships
- Scholarships for Disadvantaged Students

***Institutional Scholarships:*** MCG administers scholarships funded by private donations to the MCG Foundation, Inc. and scholarships funded by donations directly to the school by outside organizations. Students who apply for Financial Aid through the Office of Student Financial Aid will be considered for all scholarships awarded by our office. Each school's scholarship committee awards Foundation funded scholarships.

***HOPE Scholarship (Not Need Based):*** The HOPE Scholarship is a merit based state scholarship program for Georgia residents. It is funded by the Georgia Lottery. Georgia residents who meet the eligibility criteria must complete the HOPE Questionnaire available in our office or website. Applicants wishing to apply for **HOPE only**, and not other federal and state aid, may complete a HOPE Alternative Application instead of the *Free Application for Federal Student Aid (FAFSA)*. The HOPE Alternative Application is available in our office or on our website. All applicants must complete an MCG Financial Aid Application.

## **Third party Scholarships/Grants**

\* ***The following scholarships require you to apply directly to the donor. Recipients are selected by the donor.***

***Ty Cobb Educational Foundation Scholarship.*** To be eligible, a student must be a Georgia resident, and have completed one year of college work with a 3.0 GPA. Write to P.O. Box 725, Forest Park, GA 30298 or e-mail [tycobb@mindspring.com](mailto:tycobb@mindspring.com).

**Deadline: June 15 Applications must be received in the Office of Student Financial Aid Office by June 10.**

**Clark-Holder Medical Education Foundation.** Scholarships of merit at \$10,000 per year for a maximum of four years are awarded for study for the Doctor of Medicine degree. Write to the foundation at 303 Smith Street, LaGrange, GA 30240. **Deadline: April 30th**

**School of Medicine Alumni Scholarship.** Scholarships are awarded annually on a competitive basis to currently enrolled students who are direct descendants of MCG School of Medicine Alumni. School of Medicine applicants who meet this criteria should contact our office for application information. Current students will be emailed application each January.

**National Medical Fellowships.** Fellowships are awarded to medical students from minority groups currently under represented in medicine. Write to the NMF, 110 West 32nd Street, 8th Floor, New York, NY 10001-3205. Phone (212) 714-1007.

**Vocational Rehabilitation.** Scholarship assistance for tuition, fees and possibly other academic expenses is available for students with a physical or mental disability which constitutes a substantial challenge to gainful employment. For information, contact the Vocational Rehabilitation Office nearest your home.

### **Service Commitment Programs**

*\* The following scholarship/grant programs require specific service following graduation. Apply directly to the donor. Recipients are selected by the donor.*

**State Medical Education Board Scholarship (“Country Doctor” Scholarship Program).** Scholarships of \$18,000 per year for four years are provided to medical students who are Georgia residents and who plan to practice in smaller rural communities of Georgia. Write the State Medical Education Board, “Contry Doctor” Scholarship Program, 270 Washington Street, S.W., 7th Floor, Atlanta, GA 30334 or e-mail smeb@mail.regents.peachnet.edu. Deadline: May 1st

**National Health Service Corps Scholarship.** A service scholarship program is offered. Other loan repayment and employment opportunities are available. Write to the NHSC , Suite 450, 2070 Chain Bridge Road, Vienna, VA 22182-2536 or call (800) 221-9393.

**Veterans Administration Health Professional Scholarship Program.** The VA offers scholarship assistance to nursing and physical therapy students. Applications are available from the Office of Academic Affairs, DM&S (14N), 810 Vermont Avenue, N.W., Washington, DC 20420.

**Armed Forces Health Professions Scholarship Program.** Contact this office for the addresses and phone numbers of the local recruiting offices.

## **LOANS**

*When you apply for MCG financial aid assistance, you will be considered for all loan programs in this section for which you are eligible. The actual loans offered to you will depend on the funds available to lend and your eligibility. All loans offer reasonable interest rates and extended repayment terms which are disclosed in the promissory note of each loan. You will be required to select a lender for FFELP loans. MCG does not participate in the Federal Direct Loan program. You can refuse or cancel any loans offered to you.*

### **Federal Loans:**

Federal Family Education Loan Program (FFELP)

- Federal Subsidized Stafford Loan
- Federal Unsubsidized Stafford Loan
- Federal PLUS Loan

(The Stafford Loan is our major source of loan funds. See the insert for details.)

Federal Nursing Student Loan

Federal Perkins Loan

Health Professions Student Loan

Loans for Disadvantaged Students

**Georgia Service Cancelable Loan.** This loan, made to students enrolled in dental hygiene, health information management, medical technology, nursing, occupational therapy, physical therapy, physician assistant, radiologic technologies, respiratory therapy and dentistry may be canceled by working in the state of Georgia at an approved site. Federal agencies, temporary agencies, private duty and volunteer work are not approved sites. The typical loan is \$2,000. Dentistry is \$3,500. The combination of this loan and the cash repayable Stafford Loan cannot exceed the Stafford Loan maximum. Funds are limited and are awarded in order of MCG Financial Aid application process completion. Most funds are fully committed by early Spring.

### ***Emergency Loans***

MCG has short-term loan programs for students enrolled at least half-time who are experiencing temporary unforeseen financial difficulty. The interest rate is three-fourths of one percent per month and the maximum repayment period is 90 days. The maximum amount allowed is \$300 per semester. Before applying for additional Emergency Loan funds, the previous Emergency Loan must be paid in full. A brief emergency loan application must be completed in the Office of Student Financial Aid.

## **EMPLOYMENT AND ASSISTANTSHIPS**

### ***Federal Work-Study Program.***

Full-time, part-time, undergraduate, graduate and professional students may apply for Federal Work-Study employment. Eligibility is based on financial need. Most jobs are located on campus. Many jobs are community service opportunities. Please request consideration for the Federal Work-Study program on the MCG Financial Aid Application. You must complete a FAFSA to be considered for Work-Study employment.

### ***Nurse Traineeships***

Traineeships for full-time nursing students in graduate programs are offered by the MCG School of Nursing. Traineeships pay up to tuition and fees. Contact the Associate Dean for Graduate Nursing Programs concerning availability of funds.

### ***Graduate Research Assistantships.***

The MCG School of Graduate Studies offers graduate research assistantships to outstanding students. The stipend is currently an estimated \$18,500 per year for a one-third time work commitment and qualifies the recipients for reduced tuition, including waiver of any non-resident fee. Contact the program director within your discipline.

## **OTHER ASSISTANCE**

***Waiver of Non-resident Fees.*** Students who are not legal residents of Georgia but who meet certain criteria may be granted a waiver of the non-resident fee. Write to the MCG Office of the Registrar, 1120 Fifteenth Street, Augusta, Georgia 30912-7315 for criteria.

***Veteran's Benefits.*** Former service personnel and dependents of veterans who died or were permanently and totally disabled may be eligible for Veteran's Administration benefits. The MCG Registrar's Office provides advisory service for students eligible for such benefits.

***Other.*** It is also suggested that applicants check with parents' employers, professional associations, foundations and community organizations about sponsorship of scholarships, grants, or loan programs. Some hospitals offer service commitment programs. Students apply directly to the donor. School counselors, scholarship guide publications and employer personnel offices may offer information on aid sources. Investigate every possibility.

# MISCELLANEOUS INFORMATION

## **Enrollment**

For undergraduates, full-time enrollment is 12 or more hours; three-quarter time is 9-11 hours; and half-time is 6-8 hours. For Graduate Studies, full-time enrollment is 9 or more hours and half-time is 5-8 hours. Eligibility for many types of aid and the amounts awarded vary according to course load. HOPE pays per credit hour of enrollment. Pell varies according to full, three-quarter, half or less-than-half time enrollment. Stafford and Perkins loans require at least half-time enrollment. Most Department of Health and Human Services funds require full-time enrollment. Audit hours do not count. Less than full-time enrollment may result in a reduction, cancellation, and/or repayment of your need-based awards. Notify our office in writing if you plan to take a reduced course load.

## **The Financial Aid Package**

If you qualify for assistance, you will be offered a “financial aid package”. If you are eligible for scholarship or grant funds, these will be included in your package to the extent those funds permit. The balance of your package will be self-help through loans and/or employment. No combination of aid can exceed the cost of attendance. Because funds are limited, your need may not be met in full. You may refuse or reduce any portion of your aid package. Changes in eligibility, receipt of outside assistance, etc. may result in reduction, cancellation or repayment of aid.

## **Costs**

The total educational cost is the sum of academic expenses plus living expenses. **Academic expenses** include appropriate tuition and fees, equipment, books, supplies, uniforms, microscope rental, field trips and malpractice insurance. These expenses vary as a result of differing program requirements and program length (9 or 12 months) and year in school. Fees are subject to change at the end of any semester. **Living expenses** include housing, board, personal expenses, health insurance and transportation. Low cost on-campus housing is available.

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### *Estimated Academic Expenses*

	<b>Georgia Resident Range</b>		<b>Non-resident Range</b>	
	<b>9 Mo</b>	<b>12 Mo</b>	<b>9 Mo</b>	<b>12Mo</b>
Undergraduate	\$ 4,682	- 6,975	12,578	- 18,819
Graduate Studies	5,493	- 8,305	14,961	- 22,206
Medicine	9,062	- 14,233	31,082	- 47,638
Dentistry	8,586	- 13,581	26,706	- 40,761

*NOTE: The costs cited are for the 2001-02 academic year.*

### *Estimated Living Expenses*

	<b>On-campus</b>	<b>Off-campus</b>	<b>Commuter</b>
<b>Undergraduate</b>			
9 Month	\$ 10,881	\$ 12,340	\$ 9,054
12 Month	\$ 14,509	\$ 16,453	\$ 12,072
<b>Graduate</b>			
9 Month	\$ 10,881	\$ 12,340	\$ 9,054
2 Month	\$ 14,509	\$ 16,453	\$ 12,072

*NOTE: On-Campus housing only covers **the dorm rate**. On-campus apartments are not adjusted in the budget calculation. You will be responsible for paying the difference between the dorm rate and the apartment rate. Financial aid will not increase your budget to accommodate your on-campus housing preference.*

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### ***Educational Loans***

Exhaust all available sources of assistance before borrowing. Be a well-informed borrower. Not all loans are alike; know the differences. Do not borrow more than you really need. Educational loans, when used wisely, can benefit your future.

### ***Study Abroad Programs-Student Financial Aid Program***

Please contact your department about the availability of Study Abroad Programs.

### ***Alternative Loans***

There are a multitude of commercial lenders who offer alternative loans. These are private, higher cost loans which carry no government funded benefit. Consider such borrowing only as a last resort. It is the responsibility of the borrower to compare programs and select a lender. Most alternative loans can only be awarded up to the cost of attendance. Residency relocation loans are available above the cost of attendance for graduating medical and dental students.

### ***Written Correspondence (on-campus students)***

During semesters for which you are registered, all written correspondence will be mailed to your MCG box. Otherwise, we will use the address you have provided to Admissions (if applicant) or to the Registrar (if student). Please provide the Mail Room with a forwarding address if you are absent from campus for an extended period.

### ***E-mail***

We will use your e-mail address for communications which are not required by federal regulation to be printed and mailed. If you are a new applicant, please supply us with an accurate e-mail address on the MCG Financial Aid Application. If you are a current student, we will use your MCG e-mail account. It is your responsibility to check your e-mail messages on a regular basis. E-mail correspondence is considered “**official**” correspondence. If you would like to e-mail questions to the Office of Student Financial Aid, our e-mail address is [osfa@mail.mcg.edu](mailto:osfa@mail.mcg.edu).

### ***Read/Keep Copies***

It is important that you carefully read all mail that you receive from MCG and your lender pertaining to your financial aid offer. Maintain a file for later reference; keep all loan statements, promissory notes, etc. until your loan has been repaid in full.

### ***Billing/Check Disbursement***

Your award letter and the award letter enclosure(s) from the Office of Student Financial Aid detail the types, amounts and distribution of your aid. Billing and disbursement of funds are handled by the Student Loans Office and the Cashier’s Office. In general, if your student aid award is finalized at the time of fee billing, the aid will be credited against the charges on your bill (tuition, fees, residence housing, etc.) and you are responsible for payment of any balance due. (Federal work-study is not available for crediting since students are paid bi-weekly for actual hours worked.) If your aid includes a Health Professions, Perkins, or institutional loan, you must sign a promissory note with the MCG Student Loans Office. Failure to do so will void the credit to your bill. If your aid exceeds the amount of your bill, the Cashier’s Office will mail the balance to you by the day of registration **provided** you are not an entering student and/or you have completed all your Promissory Notes with the Student Loans Office. Your bill and the credits applied to your bill can be accessed on the website at [www.mcg.edu/students/StudBill/StudentBill.htm](http://www.mcg.edu/students/StudBill/StudentBill.htm) approximately ten days prior to registration except for registration periods affected by holidays.

**Late Awards:** If your aid is not finalized in time to apply to your bill, you are responsible for payment at the time of your scheduled registration. Failure to make payment will result in a late fee and/or cancellation of classes. Your aid will be made available to you during the semester.

### ***Satisfactory Academic Progress***

Student aid recipients must maintain Satisfactory Academic Progress toward program completion. Standards must be met in order for aid to be continued. The MCG Satisfactory Academic Progress Policy for financial aid eligibility is available on the MCG Office of Student Financial Aid website.

### ***Refund/Repayment***

Students who withdraw or otherwise terminate their enrollment after a semester has begun for which aid was received, may be required to repay all or a portion of the aid received based on a percentage of the enrollment period attended. Refunds will likely be returned to the aid programs. Details of the refund/repayment calculation and the prescribed order of refund distribution are available in the Office of Student Financial Aid.

### ***Tax Laws***

Regarding scholarships, it is the recipient's responsibility for determining whether the scholarship, in whole or part, is included in gross income under Section 117 of the Internal Revenue Service Code. Beginning January 1, 1998, borrowers who have taken out education loans for themselves, their spouse, or their dependent(s) generally may deduct, on their federal income tax form, the interest they **paid during the tax year** on those loans.

### ***Final Notes***

If you have any questions, please call the Office of Student Financial Aid at **(706) 721-4901**. Our office hours are **8:00 a.m.- 5:00 p.m. EST**. Specific information on MCG academic programs, accreditation, facilities and policies can be found in the MCG catalog. Additionally, the MCG Admissions Bulletin provides information on the employment of graduates. Information on special services and facilities available to handicapped students may be obtained by contacting the Director of Academic Admissions at (706) 721-2725. For the Federal Student Aid Information Center call 1-(800) 433-3243.

Visit our website: [www.mcg.edu/students/finaid/](http://www.mcg.edu/students/finaid/) for Financial Aid information

Visit the Department of Education website: [www.ed.gov](http://www.ed.gov) for general educational guidelines

Visit Mapping Your Future at: [www.mapping-your-future.org](http://www.mapping-your-future.org) to complete your entrance counseling

Visit National Student Loan Database System at [www.nslds.ed.gov](http://www.nslds.ed.gov) to review your loan and Pell history

***The information presented in this guide represents the best information available at the time of publication. All programs are subject to change. For more specific consumer information, contact the Office of Student Financial Aid.***

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**An Affirmative Action/Equal Opportunity Educational Institution  
A Unit of the University System of Georgia**

**FEDERAL FAMILY EDUCATION LOAN PROGRAM**

	<b>FEDERAL STAFFORD LOANS</b>		<b>FEDERAL PARENT LOAN FOR UNDERGRADUATE STUDENTS (PLUS)</b>
	<b>Subsidized (need based)</b>	<b>Unsubsidized (not need based)</b>	
<b>Borrower</b>	Dependent or Independent Student		Parent of Dependent Undergraduate Student
<b>Interest Rates</b>	Variable rate. Adjusts every July 1. Current rate is 5.39% Maximum rate is 8.25%		Variable Rate. Adjusts every July 1. Current rate is 6.79% Maximum rate is 9%
<b>Eligibility</b>	Based on Income	No Income Restrictions	
<b>Yearly Loan Maximum</b> not to exceed cost of attendance divided into equal disbursements per semester	Yr. 1 \$2,625 Yr. 2 \$3,500 Yr. 3-5 \$5,500 Grad/Prof. \$8,500	<b>Dependent Student</b> Yr. 1 \$ 2,625 minus Subsidized Stafford Yr. 2 \$ 3,500 minus Subsidized Stafford Yr. 3-5 \$ 5,500 minus Subsidized Stafford  <b>Independent Student</b> Yr. 1 \$ 6,625 minus Subsidized Stafford Yr. 2 \$ 7,500 minus Subsidized Stafford Yr. 3-5 \$10,500 minus Subsidized Stafford Grad/Prof \$18,500*minus Subsidized Stafford	Cost of attendance less any other financial aid awarded.
<b>Aggregate Maximum</b>	Subsidized and Unsubsidized combined: Dependent undergraduate maximum = \$23,000 Independent undergraduate maximum = \$46,000 Graduate/Professional maximum = \$138,500*		No maximum
<b>Grace Period</b>	6 months. Interest paid by Federal Government during in-school and grace period.	6 months. Borrower is responsible for interest accrued during in-school and grace period.	No grace period
<b>Repayment Terms</b>	Repayment of loans begins after the grace period.	Repayment of loans begins after the 6 month grace period. Unsubsidized interest is capped at repayment.	First payment due 60 days after the first disbursement.
	Maximum term 10 years		Maximum term 10 years

Monthly payments may be higher than the minimum monthly payment depending on the amount borrowed. Expect to pay approximately \$125 per month over a ten-year period for every \$10,000 (amount borrowed plus accrued interest).

Interest rates, amounts and eligibility criteria are subject to change.

If possible, limit your loan to the Subsidized Stafford Loan and borrow no more than the amount necessary.

Unlike the Subsidized Stafford Loan, the interest on the Unsubsidized Stafford Loan and the PLUS Loan is not paid by the government. The borrower is responsible for paying the interest throughout the life of the loan.

PLUS Loans are not automatically included in an aid package. Applications are available upon request.

Since no combination of aid can exceed the cost of attendance, you may not be eligible for the maximum loan amount.

After a loan has been certified by our office, allow an additional three to five (3-5) weeks for lender processing and guarantee. The lender deducts a 3% origination fee before releasing funds. The 1% guarantee fee is currently waived by most lenders. Details are included in the award letter and lender disclosure statement.

\*NOTE: Due to recent action by the U.S. Department of Education, medical and dental students may be considered for an "additional" unsubsidized loan of up to \$10,000 per year (not to exceed the cost of attendance). Such levels of borrowing are more prevalent at private institutions. "Additional" unsubsidized loans are not automatically included in an aid package. See your MCG financial aid counselor for details. Rev. 11/01





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## Accessibility to Disabled Persons

The Medical College of Georgia's physical facilities and institutional programs have been modified in accordance with federal law and regulations to allow equally effective access by disabled persons. Structural changes, such as adaptations to public restrooms and construction of ramps and curb cuts, have been made to improve accessibility. Special services may be made available on a reasonable basis in accordance with reported needs of individual disabled students.

In accordance with Section 504 of the Rehabilitation Act of 1973 and The Americans With Disabilities Act, it is the policy of the Medical College of Georgia to insure that all students with disabilities are afforded equal opportunity and access to programs and facilities. Students are encouraged to identify their disability so that the medical college can determine what reasonable accommodation may be made.

Please contact Dr. Randy Butterbaugh, Director of Student Affairs, to self-identify.

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Please email comments, suggestions or questions to:  
Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

August 07, 2001

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## Limitation on Institutional Liability

In the event that an administrative hearing officer or a court of record determines that "publications" issued by the institution create a contractual or quasi-contractual relationship with any person, the amount of damages recoverable by the parties shall be limited to the amount of consideration paid by the person for the privilege of admission, enrollment, continued enrollment or other service rendered by the institution to such person. As used herein, the term "publications" (without limiting the generality of the normal meaning of the term) shall be deemed to include any and all written or electronic forms or other documents issued by the institution concerning applications for admission, enrollment or continued enrollment, waivers of liability, consents to medical treatment, dormitory occupancy and any and all other written forms, documents, letters or other materials issued by the university in furtherance of its educational mission.

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## 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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August 07, 2001

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## Academic Calendars

On the following pages are the academic calendars which have been set for the Medical College of Georgia. Although many dates on the calendars are the same for all schools and programs at MCG, the calendars have been arranged according to school.

[School of Allied Health Sciences](#)

[School of Dentistry](#)

[School of Graduate Studies](#)

[School of Medicine](#)

[School of Nursing](#)

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January 27, 2002

[Information for Current Students](#)[Office of the Registrar](#)

## School of Allied Health Sciences Academic Calendar

### 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 Exam	March 19
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	May 9
Classes begin for returning students	May 10

Registration for new students <ul style="list-style-type: none"> <li>• Physician Assistant</li> <li>• Medical Technology (4 + 1)</li> </ul>	May 16
Classes begin for new students	May 17
Drop/Add	May 10-15
Midterm: last day to withdraw from a course without a penalty	June 22
Independence Day holiday	July 4
Regents Exam	July
Last day of classes	August 7
Examinations	August 8 - 10

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### Fall Semester 2001

Orientation for new students	August 15
Registration for returning students	August 15-17
Registration for New Students <ul style="list-style-type: none"> <li>• Dental Hygiene</li> <li>• Health Information Management</li> <li>• Radiologic Sciences</li> <li>• Medical Technology</li> <li>• Occupational Therapy</li> <li>• Respiratory Therapy</li> </ul>	August 16
Classes begin	August 20
Drop/Add	August 20-23
Labor Day holiday	September 3

Midterm: last day to withdraw from a course without a penalty	October 11
Regents Exam	October 29
Thanksgiving recess	November 21-25
Last day of classes	December 6
Examinations	December 7, 10-12

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### Spring Semester 2002

Registration	January 2 - 3
Classes begin	January 3
Drop/Add	January 3-8
Martin Luther King, Jr. Holiday	January 21
Midterm: last day to withdraw from a course without a penalty	February 26
Regents Exam	March 18
Spring Break	April 6-14
Last day of classes	April 25
Examinations	April 26-27, 29-30
Graduation	May 3

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### Summer Semester 2002

Registration for returning students	May 8
Classes begin for returning students	May 9
Registration for new students	May 15
Classes begin for new students	May 16
Drop/Add	May 9-14



Midterm: last day to withdraw from a course without a penalty	June 21
Independence Day holiday	July 4
Last day of classes	August 6
Regents Exam	July 8
Examinations	August 7-9

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January 27, 2002

[Information for Current Students](#)

# School of Dentistry Academic Calendar

## Spring Semester 2001

Registration	December 28-29 January 2-3
Classes begin	January 2
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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### Fall Semester 2001

Orientation for new students	August 16
Registration for new students	August 16
Registration for returning students	August 15-17
Classes begin	August 20
Drop/Add	August 20-23
Labor Day holiday	September 3
Midterm: last day to withdraw from a course without a penalty	October 11
Thanksgiving recess	November 21-25
Last day of classes	December 7
Examinations	December 10-14

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### Spring Semester 2002

Registration	January 2 - 3
Classes begin	January 2
Drop/Add	January 3-8
Martin Luther King, Jr. Holiday	January 21
Midterm: last day to withdraw from a course without a penalty	February 26

Spring Break	April 6-14
Last day of classes	April 24
Examinations	April 25-26 and 29-30
Graduation	May 3

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## Summer Semester 2002

Registration	May 8
Classes begin	May 9
Drop/Add	May 9-14
Midterm: last day to withdraw from a course without a penalty	June 21
Independence Day holiday	July 4
Last day of classes	August 2
Examinations	August 5-9

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January 27, 2002

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# School of Graduate Studies Academic Calendar

## 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

Registration for returning students	May 9
Classes begin for returning students	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

[Back to the Top](#)**Fall Semester 2001**

Registration for returning students	August 15-17
Registration for new students (except MPT)	August 15
Registration for new MPT students	August 17
Orientation for new students	August 18
Classes begin	August 20
Drop/Add	August 20-23
Labor Day holiday	September 3
Midterm: last day to withdraw from a course without a penalty	October 11
Thanksgiving recess	November 21-25
Last day of classes	December 6
Examinations	December 7, 10-12

[Back to the Top](#)**Spring Semester 2002**

Registration	January 2 - 3
Classes begin	January 3
Drop/Add	January 3-8
Martin Luther King, Jr. Holiday	January 21
Midterm: last day to withdraw from a course without a penalty	February 26
Spring Break	April 6-14
Last day of classes	April 25

Examinations	April 26-27, 29-30
Graduation	May 3

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## Summer Semester 2002

Registration for returning students	May 8
Classes begin for returning students	May 9
Drop/Add	May 9-14
Midterm: last day to withdraw from a course without a penalty	June 21
Independence Day holiday	July 4
Last day of classes	August 6
Examinations	August 7-9

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January 27, 2002

Medical College of Georgia

# School of Medicine Curriculum Office

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**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

## Academic Calendars

**2001-2002** [Phase I](#) | [Phase II](#) | [Phase III](#)

**2002-2003** [Phase I](#) | [Phase II](#) | [Phase III](#)

## School of Medicine Curriculum

[Medical School Objectives](#)

[Phase I-II-III Curriculum Committee](#)

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## Information for Current Students

### **Class Meeting for the Class of 2003**

**Thursday, February 14, 2002 @ 5:00 PM**

**Phase II Classroom, CL-1103**

### **Phase I**

[2001-2002 Phase I Schedule](#)

[2001-2002 Phase I Exam Schedule](#)

### **Phase II**

[2001-2002 Phase II Schedule](#)

[2001-2002 Phase II Exam Schedule](#)

### **Phase III**

[Phase III Curriculum Resources](#)

[2001-2002 Electives Bulletin](#)

[2002-2003 Electives Bulletin](#) **NEW!**

[2001-2002 Junior Core Rotation Schedule](#) (PDF)

[2002-2003 Junior Core Rotation Schedule](#) (PDF)

[NBME Interactive Website for Applicants and Examinees](#)

**Essentials of Clinical Medicine**



[ECM 1 Online Attendance Form](#)

[ECM 2 Online Attendance Form](#)

[Medline/Internet Search Lab Sign-Up Form](#)

**Curriculum Office Forms**

**(Requires Adobe Acrobat Reader)**

[Download Acrobat Reader](#)

[Application for Off-Campus and/or Special Elective Approval \(Green Sheet\)](#) (PDF)

[Schedule Change Form](#) (PDF)

**[Electives for Non-MCG Students](#)**

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Please email questions regarding our curriculum to:

Teresa Smith, [tdsmith@mail.mcg.edu](mailto:tdsmith@mail.mcg.edu).

For suggestions or comments about this website,  
please email Kenda Rindt, [krindt@mail.mcg.edu](mailto:krindt@mail.mcg.edu).

January 25, 2002

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## Phase I Academic Calendar 2001-2002

### First Semester

Registration	August 2-3, 2001
First day of classes	Monday, August 6, 2001
Labor Day	September 3, 2001
Thanksgiving Vacation	November 21-25, 2001
Last day of classes	December 7, 2001
Test Days	December 10-14, 2001

### Second Semester

First day of classes	January 2 & 3, 2002
Martin Luther King, Jr. Holiday	January 21, 2002
Spring Break	April 8-14, 2002
Last day of classes	May 10, 2002
Test days	May 13-17, 2002

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For suggestions or comments about this website,  
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September 26, 2001

Medical College of Georgia

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## Phase II Academic Calendar 2001-2002

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[Phase I Calendar \(2001-2002\)](#)

[Phase I Schedule \(2001-2002\)](#)

[Phase I Exam Schedule \(2001-2002\)](#)

[Phase II Calendar \(2001-2002\)](#)

[Phase II Schedule \(2001-2002\)](#)

[Phase II Exam Schedule \(2001-2002\)](#)

[Phase III Calendar \(2001-2002\)](#)

[Junior Core Rotation Schedule \(PDF\)](#)

[Electives Bulletin](#)

[Electives for Non-MCG Students](#)

### First Semester

Registration Deadline	August 3, 2001
First day of classes	August 6, 2001
Labor Day	September 3, 2001
Thanksgiving Vacation	November 21-25, 2001
Last day of classes	December 14, 2001

### Second Semester

First day of classes	January 2 & 3, 2002
Martin Luther King, Jr. Holiday	January 21, 2002
Spring Break	April 8-14, 2002
Last day of classes	May 7, 2002
Test days	May 8-10, 2002

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please email Kenda Rindt, [krindt@mail.mcg.edu](mailto:krindt@mail.mcg.edu).

October 04, 2001

\* The last official deadline for dropping is three weeks before the elective begins. All dropping and adding is done through the Curriculum Office.

If a student withdraws from a scheduled elective, with special permission after the last scheduled drop date, the elective will appear on their official transcript with the designation "W" (withdrew). The student will not be allowed to enroll in another elective for credit during this period.

**This schedule is subject to change.**

## Phase III Rotation Schedule 2001-2002

[Junior Core Rotation Schedule](#) (PDF)

### Important Deadlines:

**Spring Registration Deadline: January 2 & 3, 2002**

	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
<b>Thanksgiving Holidays for all students</b>		<b>November 22–25, 2001</b>		
December Rotation	November 26	December 23	4	Nov. 2, 2001
<b>Christmas Holidays for Phase III students</b>		<b>December 24 – January 6, 2002</b>		
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
<b>Spring Holidays for all students</b>		<b>April 8–14, 2002</b>		
Return for April	April 15	May 5	3	
<b>April Rotation for Graduating Seniors</b>	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
<b>Graduation—Friday May 3, 2002</b>				
<b>Six-Week Rotation Dates</b>				
1. July 9, 2001 – August 19, 2001				
2. August 20, 2001 – September 30, 2001				
3. October 1, 2001 – November 11, 2001				
4. November 12, 2001 – December 23, 2001				
5. January 7, 2002 – February 17, 2002				
6. February 18, 2002 – March 31, 2002				

7. April 1, 2002 – May 19, 2002
8. May 20, 2002 – June 30, 2002

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For suggestions or comments about this website,  
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September 26, 2001

\* The last official deadline for dropping is three weeks before the elective begins. All dropping and adding is done through the Curriculum Office.

If a student withdraws from a scheduled elective, with special permission after the last scheduled drop date, the elective will appear on their official transcript with the designation "W" (withdrew). The student will not be allowed to enroll in another elective for credit during this period.

**This schedule is subject to change.**

## Phase III Rotation Schedule 2002-2003

[Junior Core Rotation Schedule](#) (PDF)

	Begins	Ends	Weeks	Drop/Add Deadline*
June Rotation for Class of 2004	June 3	June 30	4	May 10, 2002
July Rotation	July 8	August 4	4	June 14, 2002
August Rotation	August 5	September 1	4	July 12, 2002
September Rotation	September 2	September 29	4	August 9, 2002
October Rotation	September 30	October 27	4	Sept. 6, 2002
November Rotation	October 28	November 24	4	October 4, 2002
December Rotation	November 25	November 27	1	Nov. 1, 2002
<b>Thanksgiving Holidays for all students</b>		<b>November 28–December 1, 2002</b>		
December Rotation	December 2	December 22	4	
<b>Christmas Holidays for Phase III students</b>		<b>December 23–January 5, 2003</b>		
January Rotation	January 6	February 2	4	Dec. 13, 2002
February Rotation	February 3	March 2	4	Jan. 10, 2003
March Rotation	March 3	March 30	4	Feb. 7, 2003
April Rotation	March 31	April 6	1	March 7, 2003
<b>Spring Holidays for all students</b>		<b>April 7–13, 2003</b>		
Return for April	April 14	May 4	3	
<b>April Rotation for Graduating Seniors</b>	March 31	April 30	3.5	
May Rotation	May 5	June 1	4	April 11, 2003
June Rotation	June 2	June 29	4	May 9, 2003
<b>Graduation–Friday May 2, 2003</b>				
<b>Six-Week Rotation Dates</b>				
1. July 8, 2002 – August 18, 2002				
2. August 19, 2002 – September 29, 2002				
3. September 30, 2002 – November 10, 2002				
4. November 11, 2002 – December 22, 2002				
5. January 6, 2003 – February 16, 2003				
6. February 17, 2003 – March 30, 2003				
7. March 31, 2003 – May 18, 2003				
8. May 19, 2003 – June 29, 2003				

[School of Medicine](#) | [Medical College of Georgia](#)

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Please email questions regarding our curriculum to:  
Teresa Smith, [tdsmith@mail.mcg.edu](mailto:tdsmith@mail.mcg.edu).

For suggestions or comments about this website,  
please email Kenda Rindt, [krindt@mail.mcg.edu](mailto:krindt@mail.mcg.edu).

January 16, 2002



[Information for Current Students](#)

# School of Nursing Academic Calendar

## 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 Exam	March 19
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	May 9
Classes begin for returning students	May 10
Drop/Add	May 10-15
Midterm for returning students: last day to withdraw from a course without a penalty	June 22

Orientation and registration for new students	June 27
Classes begin for new students	June 28
Regents Exam	July 2
Independence Day holiday	July 4
Midterm for new students: last day to withdraw from a course without a penalty	July 19
Last day of classes for new students	August 1
Examinations for new students	August 2-3
Last day of classes for returning students	August 7
Examinations for returning students	August 8 - 10

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### Fall Semester 2001

Orientation and registration for new students	August 14
Registration for returning students	August 15-17
Classes begin	August 20
Drop/Add	August 20-23
Labor Day holiday	September 3
Midterm: last day to withdraw from a course without a penalty	October 11
Regents Exam	October 29
Thanksgiving recess	November 21-25
Last day of classes	December 6
Examinations	December 7, 10-12

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**Spring Semester 2002**

Registration	January 2 - 3
Classes begin	January 3
Drop/Add	January 3-8
Martin Luther King, Jr. Holiday	January 21
Midterm: last day to withdraw from a course without a penalty	February 26
Regents Exam	March 18
Spring Break	April 6-14
Last day of classes	April 25
Examinations	April 26-27, 29-30
Graduation	May 3

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**Summer Semester 2002**

Registration for returning students	May 8
Classes begin for returning students	May 9
Drop/Add	May 9-14
Midterm: last day to withdraw from a course without a penalty	June 21
Registration for new students	To be determined
Independence Day holiday	July 4
Last day of classes	August 6
Regents Exam	July 8
Examinations	August 7-9

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**Information for Current Students**

**Medical College of Georgia**

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**Registrar**

January 27, 2002

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# Medical College of Georgia Information For Current Students



The Medical College of Georgia's top priority is a second-to-none education for those who choose to devote their lives to health care. The university's Schools of Allied Health Sciences, Dentistry, Graduate Studies, Medicine and Nursing offer an exceptional and cost-effective education in virtually every health-related field.

## **Campus Resources**

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January 29, 2002



# Medical College of Georgia

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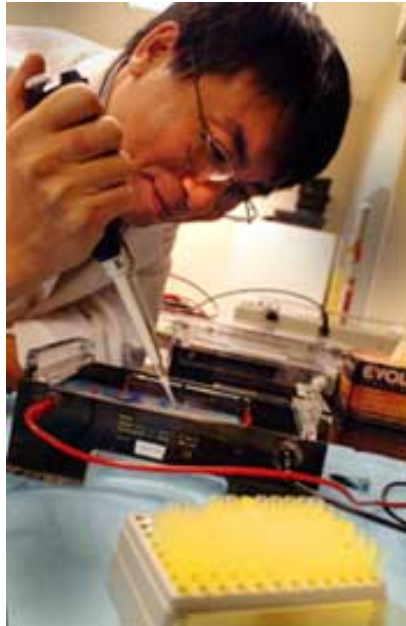
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### FEATURED STORY ...

## Mechanism That Can Result in Blindness From Corneal Infection Under Study



When the immune system rallies to fight an infection in the transparent outer layer of the eye, it can do more harm than good, according to a researcher who wants to identify what triggers the immune response and stop it.

"Everything you cannot see is the cornea," Dr. Fu-Shin X. Yu, cell biologist at the Medical College of Georgia, said of the layer that collects light for the lens to focus and a person to see. Diseases and injuries to this front line of the eye are the leading cause of visits to eye doctors and some of the most painful eye problems...[continued](#)

### ANNOUNCEMENTS

- [Dr. Casanova Wins Senior Scientist Award for Schizophrenia Research](#)
- [Dr. Mishoe Named Dean of School of Allied Health Sciences](#)
- [USG Legislative Update](#)
- [Career Courses for Scientists](#)
- [New Laboratory Provides Basic Tissue Services to Investigators](#)
- [MCG Black History Month Celebration](#)
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### Related Sites in School of Graduate Studies

- [Master of Health Education and Master of Science Programs](#)
- [Master of Science in Medical Illustration](#)
- [Master of Physical Therapy](#)

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December 20, 2001



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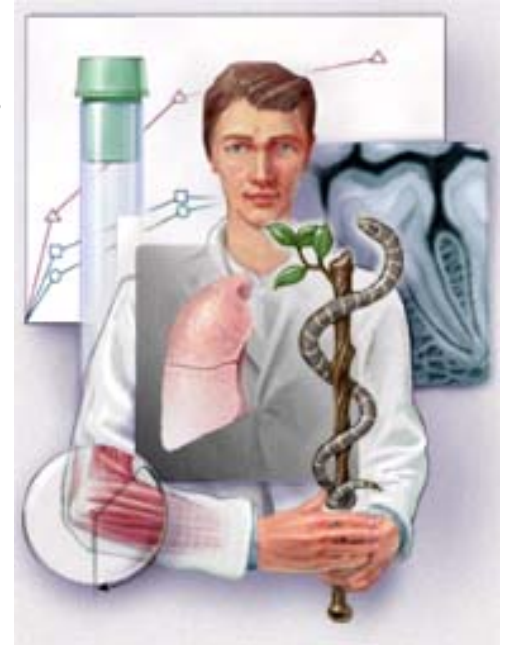
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- ▶ [RadScape](#)

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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**Contact Information:**

Dana C. Blackwelder  
Administrative Manager  
Medical College of Georgia  
Room AA2028  
Augusta, Georgia 30912-0100  
Phone:(706)721-2621  
Fax:(706)721-7312  
email: [dblackwe@mail.mcg.edu](mailto:dblackwe@mail.mcg.edu)

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Please email comments, suggestions or questions to:  
Suzi Hamlet, [shamlet@mail.mcg.edu](mailto:shamlet@mail.mcg.edu).

October 26, 2001



## School of Allied Health Sciences

### Administration

Dean Allied Health Sciences

Dr. Leona C. Mishoe  
(Interim)

Associate Dean Academic Affairs

Dr. Carol A. Campbell  
(Interim)

Associate Dean Research

Dr. Joseph G. Cannon

Assistant Dean Clinical Affairs

Mrs. Patricia F. Sodomka

### Faculty

All

Primary Rank

Clinical/Adjunct

Administrative

Joint Rank

Emeritus

### Departments

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Associated Dental Sciences

Health Information Management

Medical Illustration

Medical Technology

Occupational Therapy

Physician Assistant

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Direct inquiries about faculty information  
to the [Office of Faculty Affairs](#).

Comments or questions about the system? Contact [OIRI](#).

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March 2001

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- ▶ [RadScape](#)
- ▶ [Health Resources and Services](#)

## Policies and Procedures

**Application procedures:** Application forms with instructions may be obtained from the [Office of Academic Admissions](#) or may be [downloaded](#) from the Web. 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 [General Information Section](#) of the Catalog. Any additional requirements or financial resources specific to programs will be found in [each Department's section](#) of the

[Administration Interdisciplinary  
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**Contact Information:**

Dana C. Blackwelder  
Administrative Manager  
Medical College of Georgia  
Room AA2028  
Augusta, Georgia 30912-0100  
Phone:(706)721-2621  
Fax:(706)721-7312  
email: [dblackwe@mail.mcg.edu](mailto:dblackwe@mail.mcg.edu)

Catalog.

**ACADEMIC POLICIES**

**Technical Standards**

Admission to and graduation from the School of Allied Health Sciences requires satisfaction of the [university's technical standards](#) 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 General Information Section of the Catalog. Please refer to that section for the [Academic Probation, Dismissal and Suspension Policy](#). Departments may have more stringent dismissal standards. Matriculating students may refer to departmental student handbook for more information. 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.

### [Student Grievance and Appeal Procedure](#)

### **Graduation**

Information on graduation requirements is located in the [General Information Section](#) of the Catalog. Please refer to the [Policy on Individual Graduation Dates](#) for students with graduation dates which precede regular graduation dates.

Medical College of Georgia

# Department of Associated Dental Sciences

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[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:

## 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



[mcollins@mail.mcg.edu](mailto:mcollins@mail.mcg.edu)

## **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.

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[School of Allied Health Sciences](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:  
Marie Collins, [mcollins@mail.mcg.edu](mailto:mcollins@mail.mcg.edu).

August 23, 2001

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### General selection criteria include:

- Cumulative grade point average
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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.

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## **Academic Policies**

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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 [General Information](#) section of the Catalog.

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January 30, 2002

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December 20, 2001

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## Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, estimated expenses specific to dental hygiene are shown below. These figures are based upon the normal experience of our students. In some cases, costs may be higher.

	<b>First Year</b>	<b>Second Year</b>
Books and supplies	\$620	\$375
Instruments/equipment	834	556
Uniforms	200	50
Liability insurance	15	15
National Board Exam		140
Georgia State Board and Georgia Jurisprudence Exams		600
Other (travel, graduation, etc.)	120	60
<i>Total</i>	<i>\$1,789</i>	<i>\$ 1,796</i>

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August 07, 2001

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<b>Junior Year</b>		
<i>Fall</i>		<i>Credit Hours</i>
<a href="#">BCM 3130</a>	Biochemistry	3
<a href="#">DHY 3100</a>	Clinic I	4
<a href="#">DHY 3110</a>	Theory and Practice I	3
<a href="#">DHY 3120</a>	Dental Anatomy	2
<a href="#">AHS 3610</a>	Ethics for Health Professionals	1
<a href="#">ANMD 3140</a>	Oral Anatomy and Physiology	4
	Semester Total	17
<i>Spring</i>		
<a href="#">DHY 3200</a>	Clinic II	4
<a href="#">DHY 3210</a>	Theory and Practice II	3
<a href="#">RADD 3290</a>	Dental Radiology	2
<a href="#">MIBD 3230</a>	Dental Microbiology	2
<a href="#">PER 3260</a>	Periodontics	1
<a href="#">OBI 3133</a>	Nutrition	1
	Semester Total	13
<i>Summer</i>		
<a href="#">DHY 4300</a>	Patient Care I	3
<a href="#">DHY 4310</a>	Seminar I	2
<a href="#">DHY 4320</a>	Research Design and Critical Thinking	3
<a href="#">DHY 4420</a>	Dental Materials	2

<a href="#">DHY 4440</a>	Community Health	2
	Semester Total	12
<i>Fall</i>		
<a href="#">DHY 4400</a>	Patient Care II	4
<a href="#">DHY 4411</a>	Seminar II	3
<a href="#">PHM 4430</a>	Pharmacology	3
<a href="#">RADD 4490</a>	Radiologic Technique I	1
<a href="#">DHY 4450</a>	Dental Specialty Clinic I	1
<a href="#">PATH 4330</a>	Pathology	3
	Semester Total	15
<i>Spring</i>		
<a href="#">DHY 4500</a>	Patient Care III	4
<a href="#">DHY 4510</a>	Seminar III	2
<a href="#">RADD 4590</a>	Radiologic Technique II	1
<a href="#">OMD 4520</a>	Oral Medicine	2
<a href="#">PER 4570</a>	Periodontal Seminar	2
<a href="#">DHY 4550</a>	Dental Specialty Clinic II	1
<a href="#">DHY 4540</a>	Practice Administration	2
<a href="#">DHY 4560</a>	DH Practicum	2
	Semester Total	16
	PROGRAM TOTAL	73

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Please email comments, suggestions or questions to:  
 Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

December 20, 2001



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## Student Evaluation

### The Student Evaluation Committee

The Student Evaluation Committee monitors the academic progress of dental hygiene students. At midterm, the end of each semester, and at any other time deemed appropriate, the Student Evaluation Committee reviews and evaluates each student's clinical and didactic performance. For each student whose GPA reflects academic difficulty at the end of a semester, the committee recommends one of the following to the chairman of the DADS:

1. continued enrollment as a regular student, special student or student on academic probation;
2. repetition of course work or a portion of the curriculum in any deficient areas, as appropriate; or
3. dismissal.

### Failing Grades

When a student fails a course, the course must be repeated. However, only those students who have demonstrated satisfactory attendance and academic/clinical efforts as defined at the beginning of the course by the course director may repeat a course. Students may be required to repeat an entire course, selected courses, a complete academic year or withdraw from the program.

### Special Students

Any student who, as a result of academic deficiencies, is required to study in an altered curriculum (e.g., more courses, fewer courses or different courses than the student's class would normally be taking) will be considered a special student.

All F and D grades must be repeated.

### **Academic Probation**

Any student whose GPA for any semester is below 2.0 (on a 4.0 scale) or whose cumulative MCG GPA is below 2.0 at the end of the semester will be on academic probation subject to the provisions of the following dismissal policies.

### **Academic Dismissal**

#### **A. Automatic academic dismissals**

##### **1. Dismissal will occur if a student:**

- a. Receives a failing grade in all academic courses in any semester in which the student attempts more than one academic course;
- b. Fails to achieve and maintain at least a 1.80 cumulative GPA for all resident work after 30 hours and a 2.0 for all resident work at the end of any academic year thereafter;
- c. Fails to achieve a semester GPA of at least 2.0 in the semester immediately following his/her placement on probation;
- d. Fails a required course twice.

Any student dismissed for academic reasons and seeking to be readmitted may reapply for the next regular admission date following standard application procedures.

Where circumstances warrant, a student dismissed under the provisions of this policy may be reinstated as a student on probation upon written authorization of the dean and subject to conditions of continuation established by the dean at the time of reinstatement.

Students dismissed under the provisions of the automatic academic dismissal policy may appeal to the dean. The dean may uphold the dismissal or reinstate the student as a regular student, or a special student on an altered curriculum, or as a

student on academic probation. The dean's decision is final for the School of Allied Health Sciences.

Any first-year student subject to dismissal under the provisions of the automatic dismissal policy may petition the Student Evaluation Committee to repeat the first year of the curriculum during the next regularly scheduled academic year. The Student Evaluation Committee will recommend to the DADS chairman whether the student should be allowed to repeat the first year. The chairman's recommendation will be communicated to the dean.

#### B. Other conditions for dismissal

1. Any student on academic probation may be considered by the Student Evaluation Committee for dismissal.

Students being considered for dismissal under the provisions of Section B.1., above, have the right to a hearing before the Student Evaluation Committee prior to a final recommendation. The dean may rescind, alter or uphold the recommendation. The dean's decision is final for the School of Allied Health Sciences.

#### **Appeal of Dismissal**

Any student may appeal a dismissal decision to the dean of the School of Allied Health Sciences. The dean's decision may be appealed to the president in accordance with MCG policy (see [Student Handbook](#)).

#### **Readmission**

Students dismissed from the Department of Associated Dental Sciences may apply for admission to the next regularly scheduled entering class by submitting the standard application for admission and following normal admissions procedures.

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August 07, 2001

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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 [Medical Illustration](#).

**MHE 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.

**MS 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.

[Allied Health Home Page](#)

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## Guide to Course Descriptions

### School of Allied Health Sciences

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

[Radiologic Sciences, Physics](#)

PCS

[Respiratory Therapy](#)

RTH

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January 15, 2002

**AHS3610. Ethics in Health Professionals**

1 credit hours

*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

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**AHS3620. Principles of Education**

1 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

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**AHS3630. Principles of Management**

1 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

---

**AHS3640. Introduction To Statistics**

1 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

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**AHS3650. Introduction To Research Design**

1 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

**AHS3660. The U.S . Health Care Delivery System**

1 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

---

**AHS3670. Elementary Healthcare Statistics**

2 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

---

**AHS3680. Basic Research Methodology**

3 credit hours

*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

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**AHS3690. Informatics for Health Care Professionals**

1 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

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**AHS4451. Child Life Clinic**

14 credit hours

*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

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**AHS4452. Child Life Clinic Intern**

13 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

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**BCM3130. Biochemistry**

3 credit hours

*Prerequisite: None*

Chemistry of living cells with correlations between biochemistry, nutrition, and dental clinical sciences

Grading System: ABCDF

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**DHY3100. Clinic I**

4 credit hours

*Prerequisite: None*

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

Grading System: ABCF

---

**DHY3110. Dental Hygiene Theory and Practice I**

3 credit hours

*Prerequisite: None*

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

Grading System: ABCF

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**DHY3120. Dental Anatomy**

2 credit hours

*Prerequisite: Admission to the program*

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

Grading System: ABCDF

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**DHY3200. Clinic II**

4 credit hours

*Prerequisite: DHY 3100 and DHY 3110*

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

Grading System: ABCF

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**DHY3210. Dental Hygiene Theory and Practice II**

3 credit hours

*Prerequisite: DHY 3100 and DHY 3110*

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

Grading System: ABCF

---

**DHY3240. Dental Health and Wellness**

1 credit hours

*Prerequisite: Concurrent with DHY 3200 AND DHY 3210*

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

Grading System: ABCDF

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**DHY3241. Dental Health and Wellness**

2 credit hours

*Prerequisite: Concurrent with DHY 3200 and DHY 3210*

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

Grading System: ABCF

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**DHY4300. Patient Care I**

3 credit hours

*Prerequisite: DHY 3200 and DHY 3210*

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

Grading System: ABCF

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**DHY4310. Dental Hygiene Seminar I**

2 credit hours

*Prerequisite: DHY 3210*

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

Grading System: ABCF

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**DHY4320. Research Design and Critical Thinking**

3 credit hours

*Prerequisite: DHY 3241*

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

Grading System: ABCDF

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**DHY4400. Patient Care II**

4 credit hours

*Prerequisite: DHY 4300 and DHY 4310*

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

Grading System: ABCF

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**DHY4410. Dental Hygiene Seminar II**

2 credit hours

*Prerequisite: DHY 4300 and DHY 4310*

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

Grading System: ABCF

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**DHY4411. Dental Hygiene Seminar II**

3 credit hours

*Prerequisite: DHY 4300 and DHY 4310*

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

Grading System: ABCF

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**DHY4420. Dental Materials**

2 credit hours

*Prerequisite: None*

Scientific principles and manipulation of dental materials.

Grading System: ABCDF

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**DHY4440. Community Health**

2 credit hours

*Prerequisite: DHY 3240 and AHS 3660*

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

Grading System: ABCF

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**DHY4441. Community Health**

3 credit hours

*Prerequisite: DHY 3241*

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

Grading System: ABCDF

---

**DHY4450. Dental Specialty  
Clinic 1**

1 credit hours

*Prerequisite: DHY 4300 AND DHY 4310*

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

Grading System: Satisfactory/Unsatisfactory

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**DHY4500. Patient Care III**

4 credit hours

*Prerequisite: DHY 4400 and DHY 4410*

Clinical experience and practical application of dental hygiene skills.

Grading System: ABCF

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**DHY4510. Dental Hygiene Seminar III**

2 credit hours

*Prerequisite: DHY 4410 and DHY 4400*

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

Grading System: ABCF

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**DHY4540. Practice Administration**

2 credit hours

*Prerequisite: DHY 4400 AND DHY 4410*

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

Grading System: ABCDF

---

**DHY4550. Dental Specialty Clinic II**

1 credit hours

*Prerequisite: DHY 4450*

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

Grading System: Satisfactory/Unsatisfactory

---

**DHY4560. Dental Hygiene Practicum**

2 credit hours

*Prerequisite: Permission of Department Chair*

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

Grading System: ABCDF

---

**DHY4610. Fundamentals of Dental Hygiene Education**

3 credit hours

*Prerequisite: Permission of Department Chairman*

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

Grading System: ABCDF

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**DHY4620. Clinical Dental Hygiene Education I**

6 credit hours

*Prerequisite: Permission of Department Chairman*

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

Grading System: ABCDF

---

**DHY4630. Advanced Community Health**

2 credit hours

*Prerequisite: Permission of Department Chairman*

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

Grading System: ABCDF

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**DHY4640. Dental Literature Evaluation**

2 credit hours

*Prerequisite: Permission of Department Chairman*

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

Grading System: ABCDF

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**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

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**DHY4720. Clinical Dental Hygiene Education II**

6 credit hours

*Prerequisite: DHY 4620*

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

Grading System: ABCDF

---

**DHY4750. Dental Hygiene Seminar: Current Concepts and Techniques**

2 credit hours

*Prerequisite: Permission of Department Chairman*

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

Grading System: ABCDF

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**DHY4900. Independent Study**

1 - 4 credit hours

*Prerequisite: Permission of Department Chairman*

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

Grading System: ABCDF

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**DHY4910. Studies in Patient Management**

4 credit hours

*Prerequisite: Permission of Department Chairman*

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

Grading System: ABCDF

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**DHY4930. Independent Study: Community Health**

1 - 4 credit hours

*Prerequisite: DHY 4630*

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

Grading System: ABCDF

---

**DHY4940. Clinical Dental Hygiene Practicum I**

1 - 7 credit hours

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

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

Grading System: ABCDF

---

**DHY4950. Clinical Dental Hygiene Practicum II**

1 - 7 credit hours

*Prerequisite: RDH, DHY 4940 Clinical Dental Hygiene Practicum I*

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

Grading System: ABCDF

---

### **DHY4960. Dental Specialty Practicum**

1 - 7 credit hours

*Prerequisite: RDH*

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

Grading System: ABCDF

---

### **DHY4970. Dental Research Practicum**

1 - 7 credit hours

*Prerequisite: RDH*

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

Grading System: ABCDF

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### **DHY4980. Dental Marketing Practicum**

1 - 7 credit hours

*Prerequisite: RDH*

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

Grading System: ABCDF

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**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

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**MIBD3230. Dental Microbiology**

2 credit hours

*Prerequisite: DHY 3130 and DHY 3140*

Pathogenesis of bacteria, fungi, and viruses

Grading System: ABCDF

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**OMD4520. Oral Medicine Dental Hygiene**

2 credit hours

*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

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**PATH4330. Pathology**

3 credit hours

*Prerequisite: DHY 3140 AND PER 3260*

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

Grading System: ABCDF

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**PER3260. Periodontics**

1 credit hours

*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

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**PER4570. Periodontal Seminar**

2 credit hours

*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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**PHM4430. Pharmacology**

3 credit hours

*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

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**RADD3290. Dental Radiology**

2 credit hours

*Prerequisite: Concurrent with DHY 3200 and DHY 3210*

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

Grading System: ABCDF

---

**RADD4490. Radiology Technique I**

1 credit hours

*Prerequisite: RADD 3290*

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

Grading System: ABCDF

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**RADD4590. Radiology Technique II**

1 credit hours

*Prerequisite: RADD 4490*

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

Grading System: ABCDF

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**DMS3610. Sonologic Instrumentation**

1 credit hours

*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

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**DMS3611. Sonologic Applications 1: Abd/ob/gyn**

3 credit hours

*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**

4 credit hours

*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

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

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

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**DMS3641. Clinical Internship I**

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

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### **DMS3642. Clinical Internship II**

4 credit hours

*Prerequisite: DMS 3641 or permission of Program Director*

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

Grading System: ABCDF

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### **DMS3643. Clinical Internship III**

4 credit hours

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

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

Grading System: ABCDF

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### **DMS4620. Independent Study**

3 credit hours

*Prerequisite: Senior status in DMS Program.*

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 effectiveness of material presentation.

Grading System: ABCDF

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### **DMS4620C. Independent Study**

3 credit hours

*Prerequisite: Senior status in DMS Program.*

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 effectiveness of material presentation.

Grading System: ABCDF

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### **DMS4621. Sonologic Application Iv**

2 credit hours

*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 pathological changes of the extra-cranial cerebrovascular system.

Grading System: ABCDF

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**DMS4621C. Sonologic Application Iv**

2 credit hours

*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 pathological changes of the extra-cranial cerebrovascular system.

Grading System: ABCDF

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**DMS4622. Sonologic Application V: Eco/vasc Tech**

5 credit hours

*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

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

5 credit hours

*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

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**DMS4641. Clinical Internship IV**

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 clinical projects complete course.

Grading System: ABCDF

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**DMS4641C. Clinical Internship Iv**

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 clinical projects complete course.

Grading System: ABCDF

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**DMS4642. Clinical Internship V**

4 credit hours

*Prerequisite: DMS 4641 or permission from Program Director.*

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

Grading System: ABCDF

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**DMS4642C. Clinical Internship V**

4 credit hours

*Prerequisite: DMS 4641 or permission from Program Director.*

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

Grading System: ABCDF

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**HIM3000. Legal Aspects and Ethics**

1 credit hours

*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

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**HIM3001. Quality in Healthcare**

1 credit hours

*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

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**HIM3002. Computer Fundamentals**

1 credit hours

*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

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**HIM3003. Introduction to Health Information Systems**

1 credit hours

*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

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**HIM3004. Systems Analysis and Design**

1 credit hours

*Prerequisite: HIM 3003 and HIM 3002*

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

Grading System: ABCDF

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**HIM3005. Health Information Administration  
Practicum**

2 credit hours

*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

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**HIM3006. Office Administration in Health Information  
Management.**

1 credit hours

*Prerequisite: Bachelor of Science, Buisness*

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

Grading System: ABCDF

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**HIM3007. CPT/HCPCS Coding and Reimbursement  
Essentials**

1 credit hours

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

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

Grading System: ABCDF

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**HIM3101. Management Principles**

4 credit hours

*Prerequisite: Admission to the Program*

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

Grading System: ABCDF

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### **HIM3102. Human Resource Management**

4 credit hours

*Prerequisite: HIM 3101*

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

Grading System: ABCDF

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### **HIM3103. Managerial Practicum**

2 credit hours

*Prerequisite: HIM 3101, HIM 3208*

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

Grading System: ABCDF

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### **HIM3206. Introduction to Health Information Management**

3 credit hours

*Prerequisite: Admission to the Program*

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

Grading System: ABCDF

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### **HIM3207. Healthcare Statistics and Data Management**

2 credit hours

*Prerequisite: Admission to the Program*

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

**HIM3208. Record Processing Practicum**

2 credit hours

*Prerequisite: Admission to the Program*

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

Grading System: Satisfactory/Unsatisfactory

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**HIM3312. Medical Terminology**

2 credit hours

*Prerequisite: Anatomy and Physiology*

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

Grading System: ABCDF

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**HIM3314. Pathophysiology and Essentials of Pharmacology**

5 credit hours

*Prerequisite: HIM 3312.*

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

Grading System: ABCDF

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**HIM3415. Health Data Classifications and Coding Systems**

3 credit hours

*Prerequisite: HIM 3312*

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

Grading System: ABCDF

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**HIM3516. Computer Fundamentals in Health Care**

4 credit hours

*Prerequisite: Admission to the Program*

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

Grading System: ABCDF

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

4 credit hours

*Prerequisite: HIM 3516*

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

Grading System: ABCDF

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**HIM4104. Budget and Finance**

3 credit hours

*Prerequisite: Principles of Accounting I.*

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

Grading System: ABCDF

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**HIM4105. Management Capstone**

2 credit hours

*Prerequisite: HIM 3101, HIM 3102*

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

Grading System: ABCDF

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**HIM4209. Legal Aspects and Ethics**

2 credit hours

*Prerequisite: HIM 3206*

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

Grading System: ABCDF

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**HIM4210. Quality Management**

3 credit hours

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

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

Grading System: ABCDF

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**HIM4211. Health Care Delivery Systems**

2 credit hours

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

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

Grading System: ABCDF

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**HIM4416. Procedural Coding and Principles of Reimbursement**

3 credit hours

*Prerequisite: HIM 3312, HIM 3314, HIM 3415.*

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

Grading System: ABCDF

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**HIM4518. Advanced Database Design and Systems**

4 credit hours

*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

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**HIM4519. Systems Design and Implementation**

2 credit hours

*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

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**HIM4621. Research Design Methodology**

3 credit hours

*Prerequisite: Senior Status, HIM 4620.*

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

Grading System: ABCDF

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**HIM4622. Statistics and Research Methodology**

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

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**HIM4722. Administrative  
Practicum**

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

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No matching courses found.

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**MTCM4300. Professional Issues**

1 credit hours

*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

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**MTCM4320. Laboratory Management**

1 credit hours

*Prerequisite: Co-requisite MTCM 4380*

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

Grading System: ABCDF

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**MTCM4380. Laboratory Management Project**

1 credit hours

*Prerequisite: Co-requisite MTCM 4320, Laboratory Management*

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

Grading System: ABCDF

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**MTCM4400. Microbiology Review**

2 credit hours

*Prerequisite: Microbiology*

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

Grading System: ABCDF

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**MTCM4420. Clinical Microbiology II Lecture**

3 credit hours

*Prerequisite: Admission to the program*

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

Grading System: ABCDF

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**MTCM4430. Clinical Microbiology II Laboratory**

3 credit hours

*Prerequisite: Admission to the program.*

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

Grading System: ABCDF

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**MTCM4480. Clinical Practice Microbiology**

2 credit hours

*Prerequisite: Successful completion of MTCM 4420 and MTCM 4430.*

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

Grading System: ABCDF

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**MTCM4485. Clinical Practice Microbiology**

2 credit hours

*Prerequisite: Successful completion of MTCC4420 and MTCC4430.*

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

Grading System: ABCDF

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**MTCM4500. Immunology Review**

2 credit hours

*Prerequisite: MLT certification and/or Immunology course*

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

Grading System: ABCDF

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**MTCM4509. Introduction To Immunology**

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

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**MTCM4580. Clinical Practice Immunology**

2 credit hours

*Prerequisite: MTCM 4500, Immunology Review*

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

Grading System: ABCDF

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**MTCM4585. Clinical Practice Immunology**

2 credit hours

*Prerequisite: MTCM 4500*

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

Grading System: ABCDF

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**MTCM4600. Laboratory Math and Quality Control**

2 credit hours

*Prerequisite: Co-requisite MTCM 4620*

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

Grading System: ABCDF

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**MTCM4620. Clinical Chemistry II (lecture)**

3 credit hours

*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

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**MTCM4630. Clinical Chemistry II Lab**

3 credit hours

*Prerequisite: Co-requisite MTCM 4620*

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

Grading System: ABCDF

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**MTCM4680. Clinical Practice Chemistry**

2 credit hours

*Prerequisite: Successful completion of MTCM 4620 and MTCM 4630*

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

Grading System: ABCDF

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**MTCM4685. Clinical Practice Chemistry**

2 credit hours

*Prerequisite: Successful completion of MTCM 4620 and MTCM 4630*

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

Grading System: ABCDF

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**MTCM4740. Immunohematology**

6 credit hours

*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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**MTCM4780. Clinical Practice Blood Bank**

2 credit hours

*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

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**MTCM4785. Clinical Practice Blood Bank**

2 credit hours

*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

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**MTCM4800. Basic Hematology and Fluid Analysis**

2 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

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**MTCM4840. Advanced Hematology**

6 credit hours

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

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

Grading System: ABCDF

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**MTCM4880. Clinical Practice Hematology**

2 credit hours

*Prerequisite: MTCM 4800 and MTCM 4840 or permission of instructor*

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

Grading System: ABCDF

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**MTCM4885. Clinical Practice Hematology**

credit hours

*Prerequisite: MTCM 4800 and MTCM 4840 or permission of instructor*

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

Grading System: ABCDF

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**MTCC3180. Venipuncture**

1 credit hours

*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

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**MTCC3200. Library Research**

1 credit hours

*Prerequisite: Immunology course*

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

Grading System: ABCDF

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**MTCC3240. Basic Professional Concepts**

5 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.

Grading System: ABCDF

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**MTCC3280. Junior Clinical Practice**

1 credit hours

*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

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**MTCC3440. Clinical Microbiology I (Jr)**

3 credit hours

*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



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**MTCC3540. Immunology**

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

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**MTCC3640. Clinical Chemistry I (Jr)**

2 credit hours

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

Basic laboratory principles, chemical hygiene plan

Grading System: ABCDF

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**MTCC3840. Clinical Hematology Fluid Analysis**

3 credit hours

*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

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**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 Course.

Grading System: ABCDF

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**MTCC4380. Lab Management Project**

1 credit hours

*Prerequisite: Co-requisite MTCC 4320*

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

Grading System: ABCDF

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**MTCC4420. Clinical Microbiology II Lecture**

3 credit hours

*Prerequisite: MTCC 3440*

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

Grading System: ABCDF

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**MTCC4430. Clinical Microbiology II Laboratory**

3 credit hours

*Prerequisite: Completion of MTCC3440.*

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

Grading System: ABCDF

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**MTCC4480. Clinical Practice Microbiology**

2 credit hours

*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

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**MTCC4485. Clinical Practice Microbiology**

2 credit hours

*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

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**MTCC4580. Senior Clinical Practice Immunology**

2 credit hours

*Prerequisite: MTCC 3540, Immunology*

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

Grading System: ABCDF

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**MTCC4585. Clinical Practice Immunology**

2 credit hours

*Prerequisite: MTCC 3540, Immunology*

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

Grading System: ABCDF

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**MTCC4620. Clinical Chemistry II (lecture)**

3 credit hours

*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

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**MTCC4630. Clinical Chemistry II (lab)**

3 credit hours

*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

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**MTCC4680. Clinical Practice Chemistry**

2 credit hours

*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.

**MTCC4685. Clinical Practice Chemistry**

credit hours

*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

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**MTCC4740. Immunohematology**

6 credit hours

*Prerequisite: Immunology course*

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

Grading System:  
ABCDF

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**MTCC4780. Clinical Practice Blood Bank**

2 credit hours

*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

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**MTCC4785. Clinical Practice Blood Bank**

2 credit hours

*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

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**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

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**MTCC4880. Clinical Practice Hematology**

2 credit hours

*Prerequisite: MTCC 4840 or permission of instructor.*

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

Grading System: ABCDF

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**MTCC4885. Clinical Practice Hematology**

2 credit hours

*Prerequisite: MTCC 4840 or permission of instructor.*

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

Grading System: ABCDF

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**MTCP4185. Venipuncture**

1 credit hours

*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

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**MTCP4320. Laboratory Management**

1 credit hours

*Prerequisite: Co-requisite MTCP 4380*

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

Grading System: ABCDF

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**MTCP4380. Lab Management Project**

1 credit hours

*Prerequisite: Co-requisite MTCP 4320*

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

Grading System: ABCDF

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**MTCP4400. Microbiology Review**

2 credit hours

*Prerequisite: Microbiology*

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

Grading System: ABCDF

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**MTCP4420. Clinical Microbiology II Lecture**

3 credit hours

*Prerequisite: Admission to program.*

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

Grading System: ABCDF

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**MTCP4430. Clinical Microbiology II Laboratory**

3 credit hours

*Prerequisite: Admission to the program.*

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

Grading System: ABCDF

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**MTCP4480. Clinical Practice Microbiology**

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

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**MTCP4485. Clinical Practice Microbiology**

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

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**MTCP4500. Immunology Review**

2 credit hours

*Prerequisite: MLT certification and/or Immunology course*

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

Grading System: ABCDF

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**MTCP4509. Introduction To Immunology**

1 credit hours

*Prerequisite: Acceptance into 4+1 program, without immunology prerequisite.*

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

Grading System: ABCDF

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**MTCP4580. Clinical Practice Immunology**

2 credit hours

*Prerequisite: MTCP 4509, Introduction to Immunology or satisfactory completion of course in Immunology at another college or university and MTC4500, Immunology Review*

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

Grading System: ABCDF

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**MTCP4585. Clinical Practice Immunology**

2 credit hours

*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

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**MTCP4600. Laboratory Math and Quality Control**

2 credit hours

*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

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**MTCP4620. Clinical Chemistry II (lecture)**

3 credit hours

*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

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**MTCP4630. Clinical Chemistry II Lab**

3 credit hours

*Prerequisite: Co-requisite MTCP 4620*



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

Grading System: ABCDF

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**MTCP4680. Clinical Practice Chemistry**

2 credit hours

*Prerequisite: MTCP 4620 and MTCP 4680*

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

Grading System: ABCDF

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**MTCP4685. Clinical Practice Chemistry**

2 credit hours

*Prerequisite: MTCP 4620 and MTCP 4680*

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

Grading System: ABCDF

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**MTCP4740. Immunohematology**

6 credit hours

*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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**MTCP4780. Clinical Practice Blood Bank**

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

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**MTCP4785. Clinical Practice Blood Bank**

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

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**MTCP4800. Basic Hematology and Fluid Analysis**

2 credit hours

*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

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**MTCP4840. Advanced Hematology**

6 credit hours

*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

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**MTCP4880. Clinical Practice Hematology**

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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**MTCP4885. Clinical Practice Hematology**

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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**MTCD4200. Library Research**

1 credit hours

*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

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**MTCD4320. Laboratory Management**

1 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

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**MTCD4380. Laboratory Management Project**

1 credit hours

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

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

Grading System: ABCDF

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**MTCD4400. Microbiology Review**

1 credit hours

*Prerequisite: Microbiology*

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

Grading System: ABCDF

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**MTCD4400A. Microbiology Review**

1 credit hours

*Prerequisite: Microbiology*

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

Grading System: ABCDF

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**MTCD4400B. Microbiology Review**

1 credit hours

*Prerequisite: Microbiology*

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

Grading System: ABCDF

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**MTCD4420. Clinic Microbiology II Lecture**

3 credit hours

*Prerequisite: Admission to the program*

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

Grading System: ABCDF

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**MTCD4480. Clinical Practice Microbiology**

2 credit hours

*Prerequisite: Concurrent enrollment in MTCD 4425 and MTCD 4405*

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

Grading System: ABCDF

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**MTCD4500. Immunology Review**

2 credit hours

*Prerequisite: MLT certification and/or Immunology course*

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

Grading System: ABCDF

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**MTCD4509. Introduction To Immunology**

1 credit hours

*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

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**MTCD4580. Senior Clinical Practice Immunology**

2 credit hours

*Prerequisite: Concurrent enrollment in MTCD 4500, Immunology*

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

Grading System: ABCDF

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**MTCD4600. Laboratory Math and Quality Control**

2 credit hours

*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

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**MTCD4600A. Laboratory Math and Quality Control**

1 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

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**MTCD4600B. Laboratory Math and Quality Control**

1 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

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**MTCD4620. Clinical Chemistry II (lecture)**

3 credit hours

*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

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**MTCD4680. Clinical Practice Chemistry**

2 credit hours

*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

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**MTCD4720. Immunohematology Lecture**

3 credit hours

*Prerequisite: MLT certification; Immunology course*

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

Grading System:  
ABCDF

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**MTCD4780. Clinical Practice Blood Bank**

2 credit hours

*Prerequisite: Co-requisite MTCD 4720*

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

Grading System: ABCDF

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**MTCD4810. Hematology and Fluids Review**

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

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**MTCD4810A. Hematology and Fluids Review**

1 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

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**MTCD4810B. Hematology and Fluids Review**

1 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

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**MTCD4820. Advanced Hematology Lecture**

3 credit hours

*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

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**MTCD4880. Clinical Practice Hematology**

2 credit hours

*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

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<b>MTCI4900. Directed Individual Study-General</b>	1 - 3 credit hours
<i>Prerequisite: Permission of instructor</i>	
General laboratory science related projects.	
	Grading System: ABCDF
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<b>MTCI4903. Directed Individual Study-Management</b>	1 - 3 credit hours
<i>Prerequisite: Permission of instructor</i>	
Management related projects in medical technology.	
	Grading System: ABCDF
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<b>MTCI4904. Directed Individual Study-Microbiology</b>	1 - 3 credit hours
<i>Prerequisite: Permission of instructor</i>	
Related-related project that includes classroom presentations and related research project.	
	Grading System: ABCDF
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<b>MTCI4905. Directed Individual Study-Immunology</b>	1 - 3 credit hours
<i>Prerequisite: Permission of instructor</i>	
Immunology related project.	
	Grading System: ABCDF
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<b>MTCI4906. Directed Individual Study-Chemistry</b>	1 - 3 credit hours
<i>Prerequisite: Permission of instructor</i>	
Chemistry related project.	
	Grading System: ABCDF
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<b>MTCI4907. Directed Individual Study-Immunoematology</b>	1 - 3 credit hours
<i>Prerequisite: Permission of instructor</i>	
Blood Bank related project.	
	Grading System: ABCDF
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<b>MTCI4908. Directed Individual Study-Hematology</b>	1 - 3 credit hours
<i>Prerequisite: Permission of instructor</i>	
Hematology related project.	

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**NMT3600. Introduction to Nuclear Cardiology**

3 credit hours

*Prerequisite: Completion of fall and spring Junior year curriculum.*

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

Grading System: ABCDF

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**NMT3611. Principles of Nuclear Medicine I**

4 credit hours

*Prerequisite: Admission to the program.*

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

Grading System: ABCDF

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**NMT3612. Principles of Nuclear Medicine II**

4 credit hours

*Prerequisite: NMT 3611*

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

Grading System: ABCDF

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**NMT3623. Clinical Correlation Seminar**

1 credit hours

*Prerequisite: NMT 3611 AND NMT 3612*

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

Grading System: ABCDF

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**NMT3641. Clinical Internship**

3 credit hours

*Prerequisite: Admission to program.*

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

Grading System: ABCDF

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**NMT3642. Clinical Internship**

3 credit hours

*Prerequisite: NMT 3641*

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

Grading System: ABCDF

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**NMT3643. Clinical Internship**

5 credit hours

*Prerequisite: NMT 3641, NMT 3642*

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

Grading System: ABCDF

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**NMT4600. Advanced Practice in Nuclear  
Medicine I**

3 credit hours

*Prerequisite: Completion of Junior year in Nuclear Medicine Technology*

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

Grading System: ABCDF

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**NMT4601. Advanced Practice in Nuclear  
Medicine II**

3 credit hours

*Prerequisite: Completion of Junior year in Nuclear Medicine Technology*

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

Grading System: ABCDF

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**NMT4602. Independent Study/research (elective)** 1 - 3 credit hours

*Prerequisite: Senior level status in Department*

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

Grading System: ABCDF

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**NMT4602C. Independent Study/research (elective)** 1 - 3 credit hours

*Prerequisite: Senior level status in Department*

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

Grading System: ABCDF

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**NMT4623. Radiochemistry** 4 credit hours

*Prerequisite: Senior level status in Nuclear Medicine Technology*

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

Grading System: ABCDF

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**NMT4623C. Radiochemistry** 4 credit hours

*Prerequisite: Senior level status in Nuclear Medicine Technology*

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

Grading System: ABCDF

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**NMT4641. Clinical Practicum** 2 credit hours

*Prerequisite: Senior level status in Nuclear Medicine Technology*

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

Grading System: ABCDF

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**NMT4641C. Clinical Practicum**

2 credit hours

*Prerequisite: Senior level status in Nuclear Medicine Technology*

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

Grading System: ABCDF

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**NMT4642. Clinical Practicum**

2 credit hours

*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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**NMT4642C. Clinical Practicum**

2 credit hours

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

3 credit hours

*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

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**OCC3100CO. Professional Foundations in Occupational Therapy**

3 credit hours

*Prerequisite: Program admission*

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

Grading System: ABCF

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**OCC3151. Biomechanical Measurements**

2 credit hours

*Prerequisite: Admission into program, concurrent with ANM3500*

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

Grading System: ABCF

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**OCC3151CO. Biomechanical Measurements**

2 credit hours

*Prerequisite: Admission into program, concurrent with ANM3500CO*

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

Grading System: ABCF



**OCC3153. Biomechanical Measurements**

3 credit hours

*Prerequisite: Successful completion of first-semester courses.*

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

Grading System: ABCDF

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**OCC3200. Clinical Reasoning in Occupational Therapy**

3 credit hours

*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

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**OCC3200CO. Clinical Reasoning in Occupational Therapy**

3 credit hours

*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

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**OCC3204. Occupation and Adaptation**

4 credit hours

*Prerequisite: Admission into the program*

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

Grading System: ABCF

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**OCC3204CO. Occupation and Adaptation**

4 credit hours

*Prerequisite: Admission into the program*

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

Grading System: ABCF

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**OCC3304. Applied Pathophysiology for the Rehabilitation Professional**

3 credit hours

*Prerequisite: Admission into the program*

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

Grading System: ABCF

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**OCC3304CO. Applied Pathophysiology for the Rehabilitation Professional**

3 credit hours

*Prerequisite: Admission into the program*

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

Grading System: ABCF

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**OCC3453. Clinical Conditions**

3 credit hours

*Prerequisite: Admission into program*

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

Grading System: ABCDF

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**OCC3804. Pediatric Evaluation and Intervention**

4 credit hours

*Prerequisite: Successful completion of first semester courses.*

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

Grading System: ABCF

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**OCC3804CO. Pediatric Evaluation and Intervention**

4 credit hours

*Prerequisite: Successful completion of first semester courses.*

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

Grading System: ABCF

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**OCC4201A. Professional Seminar**

1 credit hours

*Prerequisite: Successful completion of second semester courses.*

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

Grading System: ABCDF

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**OCC4201B. Professional Seminar**

1 credit hours

*Prerequisite: Successful completion of second semester courses.*

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

Grading System: ABCDF

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**OCC4310. Mental Health Programming**

4 credit hours

*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

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**OCC4310CO. Mental Health Programming**

4 credit hours

*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

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**OCC4343. Adult Models of Practice**

3 credit hours

*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

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**OCC4343CO. Adult Models of Practice**

3 credit hours

*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

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**OCC4352. Movement Analysis**

2 credit hours

*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

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**OCC4352CO. Movement Analysis**

2 credit hours

*Prerequisite: OCC3151CO, ANM3500, and ITD3003*

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

Grading System: ABCF

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**OCC4493. Worker Role and Ergonomics**

3 credit hours

*Prerequisite: Successful completion of third semester courses.*

Study of the occupational performance area of work and ergonomic principles. Emphasis is on screening, evaluation, program design, development, implementation, and outcome measurement within the clinic, private practice, and industrial workplace.

Grading System: ABCF

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**OCC4493CO. Worker Role and Ergonomics**

3 credit hours

*Prerequisite: Successful completion of third semester courses.*

Study of the occupational performance area of work and ergonomic principles. Emphasis is on screening, evaluation, program design, development, implementation, and outcome measurement within the clinic, private practice, and industrial workplace.

Grading System: ABCF

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**OCC4606. Adult Evaluation and Intervention**

6 credit hours

*Prerequisite: Successful completion of third semester courses.*

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

Grading System: ABCF

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**OCC4606CO. Adult Evaluation and Intervention** 6 credit hours

*Prerequisite: Successful completion of third semester courses.*

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

Grading System: ABCF

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**OCC4610. Investigation of a Problem** 1 - 3 credit hours

*Prerequisite: Permission of instructor*

Student investigation of a topic of interest or need.

Grading System: ABCF

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**OCC4610CO. Investigation of a Problem** 1 - 3 credit hours

*Prerequisite: Permission of instructor*

Student investigation of a topic of interest or need.

Grading System: ABCF

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**OCC4630. 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

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**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

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**OCC4650. Stress Management Programs** 1 - 3 credit hours

*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

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**OCC4650CO. Stress Management Programs** 1 - 3 credit hours

*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

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**OCC4660. Advanced Splinting in Hand and Upper Extremity Rehabilitation** 1 - 3 credit hours

*Prerequisite: Completion of OCC4300 and OCC4400 level courses*

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

Grading System: ABCF

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**OCC4660CO. Advanced Splinting in Hand and Upper Extremity Rehabilitation** 1 - 3 credit hours

*Prerequisite: Completion of OCC4300 and OCC4400 level courses*

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

Grading System: ABCF

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**OCC4672. Functional Application of Adjunctive Therapies** 2 credit hours

*Prerequisite: Successful completion of third semester courses.*

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

Grading System: ABCF

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**OCC4672CO. Functional Application of Adjunctive Therapies** 2 credit hours

*Prerequisite: Successful completion of third semester courses.*

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

Grading System: ABCF

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**OCC4680. Occupational Therapy in the Work Place**

1 - 3 credit hours

*Prerequisite: Completion of OCC4300 and OCC4400 level courses*

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

Grading System: ABCF

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**OCC4680CO. Occupational Therapy in the Work Place**

1 - 3 credit hours

*Prerequisite: Completion of OCC4300CO and OCC4400 level courses*

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

Grading System: ABCF

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**OCC4690. Research Project**

1 - 3 credit hours

*Prerequisite: Completion of OCC4300 and OCC4400 level courses*

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

Grading System: ABCF

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**OCC4690CO. Research Project**

1 - 3 credit hours

*Prerequisite: Completion of OCC4300 and OCC4400 level courses*

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

Grading System: ABCF

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**OCC4700. Fieldwork Experience A**

9 credit hours

*Prerequisite: OCC 4500*

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



Grading System: ABCF

**OCC4700CO. Fieldwork Experience A**

9 credit hours

*Prerequisite: OCC 4500CO*

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

Grading System: ABCF

**OCC4800. Fieldwork Experience B**

9 credit hours

*Prerequisite: OCC 4700*

Fulltime fieldwork experience applying clinical reasoning in a practice environment

Grading System: ABCF

**OCC4800CO. Fieldwork Experience B**

9 credit hours

*Prerequisite: OCC 4700CO*

Fulltime fieldwork experience applying clinical reasoning in a practice environment

Grading System: ABCF

**OCC4801. School Systems Practice**

1 credit hours

*Prerequisite: Successful completion of third semester courses.*

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

Grading System: ABCF

**OCC4801CO. School Systems Practice**

1 credit hours

*Prerequisite: Successful completion of third semester courses.*

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

Grading System: ABCF

**OCC4802. School Systems Practice**

2 credit hours

*Prerequisite: Successful completion of third semester courses.*

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

Grading System: ABCDF

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**OCC4804. Occupational Therapy Service Management**

4 credit hours

*Prerequisite: Successful completion of fourth semester courses.*

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

Grading System: ABCF

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**OCC4804CO. Occupational Therapy Service Management**

4 credit hours

*Prerequisite: Successful completion of fourth semester courses.*

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

Grading System: ABCF

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**OCC4883. Occupational Therapy Research I**

3 credit hours

*Prerequisite: Successful completion of second semester courses.*

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

Grading System: ABCF

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**OCC4883CO. Occupational Therapy Research I**

3 credit hours

*Prerequisite: Successful completion of second semester courses.*

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

Grading System: ABCF

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**OCC4892. Occupational Therapy Research II**

2 credit hours

*Prerequisite: Successful completion of third semester courses.*

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

Grading System: ABCF

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**OCC4892CO. Occupational Therapy Research II**

2 credit hours

*Prerequisite: Successful completion of third semester courses.*

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

Grading System: ABCF

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**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

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**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

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**PAD3010. Clinical Pharmacology**

3 credit hours

*Prerequisite: Admittance to the PA Program*

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

Grading System: ABCDF

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**PAD3080. Physical Diagnosis**

5 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

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**PAD3280. Clinical Medicine I**

7 credit hours

*Prerequisite: PAD 3080, ANN 3320*

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

Grading System: ABCDF

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**PAD3290. Clinical Medicine II**

9 credit hours

*Prerequisite: PAD3280*

Continuation of PAD3280

Grading System: ABCDF

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**PAD3310. Clinical Medicine III**

10 credit hours

*Prerequisite: PAD3290*

Continuation of PAD3290

Grading System: ABCDF

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**PAD3430. Surgical and Acute Care**

3 credit hours

*Prerequisite: PAD 3280, PAD 3080, ANN 3320*

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

Grading System: ABCDF

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**PAD3470. Medical Communication Skills and Terminology in P**

2 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

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**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

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

1 credit hours

*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

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**PAD3990. Independent Study**

1 - 6 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

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**PAD4010. Preceptorship**

6 credit hours

*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

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**PAD4030. Family Practice**

6 credit hours

*Prerequisite: All Phase I courses*

Encounter a variety of clinical problems in family practice setting.

Grading System: ABCDF

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**PAD4040. Internal Medicine**

6 credit hours

*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

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**PAD4050. Pediatrics**

6 credit hours

*Prerequisite: All Phase I courses*

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

Grading System: ABCDF

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**PAD4060. Obstetrics and Gynecology**

6 credit hours

*Prerequisite: All Phase I courses*

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

Grading System: ABCDF

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**PAD4070. Mental Health**

6 credit hours

*Prerequisite: All Phase I courses*

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

Grading System: ABCDF

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**PAD4180. Surgery**

6 credit hours

*Prerequisite: All Phase I courses*

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

Grading System: ABCDF

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**PAD4200. Emergency Medicine**

6 credit hours

*Prerequisite: Phase I courses*

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

Grading System: ABCDF

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**PAD4900. Independent Study**

1 - 6 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

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**RTR3611. Radiographic Procedures 1**

6 credit hours

*Prerequisite: Admission to the program.*

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

Grading System: ABCDF

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**RTR3612. Radiographic Procedures 2**

4 credit hours

*Prerequisite: Admission to the program.*

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

Grading System: ABCDF

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**RTR3621. Radiographic Technique**

4 credit hours

*Prerequisite: Admission to program.*

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

Grading System: ABCDF

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**RTR3630. Introduction to Radiographic Physics**

2 credit hours

*Prerequisite: Admission to program*

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

Grading System: ABCDF

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**RTR3631. Radiologic Science**

2 credit hours

*Prerequisite: Admission to program.*

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

Grading System: ABCDF

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**RTR3641. Clinical Internship**

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.

Grading System: ABCDF

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**RTR3642. Clinical Internship**

4 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

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**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

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**RTR4622. Special Topics**

1 credit hours

*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

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**RTR4622C. Special Topics**

1 credit hours

*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

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**RTR4631. Principles and Instrumentation of CT**

3 credit hours

*Prerequisite: Certified technologist or permission of instructor.*

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

Grading System: ABCDF

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**RTR4631C. Principles and Instrumentation of CT**

3 credit hours

*Prerequisite: Certified technologist or permission of instructor.*

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

Grading System: ABCDF

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**RTR4632. Principles and Instrumentation of Mammography**

3 credit hours

*Prerequisite: Certified radiographer or permission of instructor.*

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

Grading System: ABCDF

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**RTR4632C. Principles and Instrumentation of Mammography**

3 credit hours

*Prerequisite: Certified radiographer or permission of instructor.*

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

Grading System: ABCDF

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**RTR4633. Principles and Instrumentation of MRI**

3 credit hours

*Prerequisite: Precalculus and PCS 3631; permission of instructor.*

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

Grading System: ABCDF

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**RTR4633C. Principles and Instrumentation of MRI**

3 credit hours

*Prerequisite: Precalculus and PCS 3631; permission of instructor.*

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

Grading System: ABCDF

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**RTR4637. Quality Control in Radiography**

2 credit hours

*Prerequisite: Admission to program.*

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

Grading System: ABCDF

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**RTR4641. Clinical Internship**

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

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**RTR4651. Seminar**

1 credit hours

*Prerequisite: Admission to program.*

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

Grading System: ABCDF

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**RTR4652. 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

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**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

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**RTR4660. Clinical Practicum**

3 credit hours

*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

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**RTR4660C. Clinical Practicum**

3 credit hours

*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

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**RTR4661. CT Clinical Practicum**

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.

Grading System: ABCDF

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**RTR4661C. CT Clinical Practicum**

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.

Grading System: ABCDF

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**RTR4662. Mammography Clinical Practicum**

3 credit hours

*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

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**RTR4662C. Mammography Clinical Practicum**

3 credit hours

*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

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**RTR4663. MRI Clinical Practicum**

3 credit hours

*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

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**RTR4663C. MRI Clinical Practicum**

3 credit hours

*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

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**RTR4664. Clinical Practicum**

3 credit hours

*Prerequisite: None*

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

Grading System: ABCDF

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

1 credit hours

*Prerequisite: Admission to department programs.*

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

Grading System: ABCDF

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**RSC3611. Introduction To Radiologic Patient Care**

2 credit hours

*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

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**RSC3613. Professional-patient Interaction**

1 credit hours

*Prerequisite: Admission to program.*

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

Grading System: ABCDF

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**RSC3633. Radiation Protection and Biology**

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

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**RSC4602. Sectional Anatomy**

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

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**RSC4602C. Sectional Anatomy**

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

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**RSC4610. Advanced Radiologic Patient Care**

2 credit hours

*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

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**RSC4610C. Advanced Radiologic Patient Care**

2 credit hours

*Prerequisite: Admission to department program.*

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

Grading System: ABCDF

---

**RSC4621. Pathology in Radiologic Sciences**

2 credit hours

*Prerequisite: Admission to department program*

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

Grading System: ABCDF

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**RSC4621C. Pathology in Radiologic Sciences**

2 credit hours

*Prerequisite: Admission to department program*

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

Grading System: ABCDF

---

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

3 credit hours

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

3 credit hours

*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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**RTT3641. Radiation Oncology Clinical Internship**

4 credit hours

*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

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**RTT3642. Radiation Oncology Clinical Internship**

4 credit hours

*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

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**RTT3643. Radiation Oncology Clinical Internship**

6 credit hours

*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

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**RTT4601. Principles of Radiation Oncology**

4 credit hours

*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

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**RTT4613. Quality Assurance in Radiation Oncology**

2 credit hours

*Prerequisite: Admission to the program.*

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

Grading System: ABCDF

**RTT4614. Radiation Oncology Simulation Procedures**

2 credit hours

*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

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**RTT4615. Radiation Oncology Seminar**

3 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

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**RTT4621. Cancer Management in Radiation Oncology**

3 credit hours

*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

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**RTT4640. 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

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**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.

**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

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**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

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**RTT4644. Medical Dosimetry Clinical Internship**

5 credit hours

*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

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**RTT4645. Medical Dosimetry Clinical Internship**

6 credit hours

*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

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**RTT4646. Medical Dosimetry Clinical Internship**

6 credit hours

*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

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**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 technical advances in practice, current and future trends. Student presentation and discussion emphasized.

Grading System: ABCDF

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**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 technical advances in practice, current and future trends. Student presentation and discussion emphasized.

Grading System: ABCDF

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**RTT4648. Applied Project**

4 credit hours

*Prerequisite: Admission to the program.*

Directed project in which the student works independently on a project related to management or education in radiation oncology.

Grading System: ABCDF

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**RTT4648C. Applied Project**

4 credit hours

*Prerequisite: Admission to the program.*

Directed project in which the student works independently on a project related to management or education in radiation oncology.

Grading System: ABCDF

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**RSM4632. Management of the Radiology**

2 credit hours

**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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**RSM4632C. Management of the Radiology**

2 credit hours

**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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December 20, 2001



Medical College of Georgia

# Department of Health Information Management

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## Contact Information:

Jim Condon

Instructor

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](mailto: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.

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**Contact Information:**

Jim Condon  
Instructor  
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](mailto:jcondon@mail.mcg.edu)

## General Information About the Profession

- [Is Health Information Management the Career for You?](#)
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- [Benefits in Attending MCG](#)
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### Is health information management the career for you?

If you're like most people, in addition to good pay and growth opportunities, you want a career that fits your personality -- one like you, and one that enables you to make a valuable contribution. Does health information management fill the bill? Consider these questions:

- Are you well-rounded, interested in such diverse topics as science, business, computer science and health?
- Is it important that you make a positive contribution to others' lives?
- Are you attracted to a health care career, but without directly treating patients?
- Do you like the exhilaration of working with others toward common goals?
- Are you well organized, detail-oriented and goal-focused?

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Yes? Then health information management may be just the field for you.

Why not come take an in-depth look at this field by attending a Closer-Look Tour at the Medical College of Georgia (MCG)? These tours are designed to help people trying to either decide on the right career, or considering applying to MCG. Not only can you see the campus and the profession first-hand, we also provide career counseling. For more information, call our Academic Admissions Office at (706) 721-2725 or [Schedule a Closer-Look Tour online](#).

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### **Here's how to get started:**

To become a professional in health information management, you must complete an educational program in health information administration ([a four-year bachelor's degree program](#)). This degree is offered at the Medical College of Georgia.

Those choosing the four-year bachelor's degree program in health information administration complete two years of liberal arts and sciences courses ([the core curriculum prerequisites](#)) at another accredited college or university. Then students transfer to MCG where they receive two years of specialty education in health information administration.

Graduates earn a Bachelor of Science degree in Health Information Administration and are then eligible to take a national exam which qualifies them to become registered health information administrators (RHIA's). The RHIA credential is granted by the American Health Information Management Association (AHIMA). [Visit AHIMA's Website](#).

## **The Medical College of Georgia has the programs you're looking for:**

As Georgia's health sciences university, MCG specializes in preparing health professionals and is dedicated to providing a high-quality education. Some benefits in attending the Medical College of Georgia include:

- A highly qualified faculty committed to helping you succeed.

When asked about their MCG education, graduates invariably mention our caring and respected faculty. Class sizes are small, with an average student-faculty ratio of ten to one, and the environment is friendly and supportive. In a recent survey of students in the University System of Georgia, MCG ranked first in many areas of student satisfaction, including individual faculty attention.

- Lots of practical, hands-on learning, in addition to regular classes.

MCG students spend time in health information departments in top-notch hospitals and clinics. This type of learning lets students quickly use new knowledge to become effective and confident of their abilities.

- A great place to live and learn.

MCG is located in Augusta, Georgia, recently ranked the second most desirable place to live in the state. And the university creates its own opportunities for fun and relaxation, including various social activities and intramural sports. You'll form deep friendships and meet students from all other health degree programs at MCG - many of whom you'll work with in the future.

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## **Job Opportunities and placement:**

College-trained professionals in this field are in continual demand. Starting salaries have ranged from \$30,000 to \$50,000 for health information administrators. Typical employers include:

Examples of typical employers include:

- Hospitals
- Information systems vendors
- Health clinics and group practices
- Federal government
- Insurance companies
- State governments
- Accounting firms
- Colleges and universities (as faculty)
- Legal firms
- Managed care organizations
- Consulting firms

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## **Your Next Step:**

Plan to visit us in Augusta. Take a Closer-Look Tour of our campus and our academic facilities. Talk with some of our students and professors, and request your application for admission.

If you're a college student, you can apply now at MCG, so that when your current work is completed, you can be considered for immediate transfer.

We look forward to hearing from you. Please contact us at:

Medical College of Georgia  
Office of Academic Admissions  
170 Kelly Building-Administration  
Augusta, Georgia 30912-7310

(706) 721-2725

or

[Contact Admissions for  
More Information.](#)

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Please email comments, suggestions or questions to:

Jim Condon, [jcondon@mail.mcg.edu](mailto:jcondon@mail.mcg.edu).

August 14, 2001

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## Admission Criteria

[Traditional 2+2 transfer program](#)

[One-year certificate program for college graduates](#) with bachelors degrees in allied health, nursing or business administration

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## General Admission Criteria

### Traditional 2+2 Transfer Program

Admission is based on the applicant's prior academic performance at the college level and on an assessment of the applicant's motivation and personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.3 (on a 4.0 scale) on previous college work is required for consideration.
3. Two letters of recommendation are required.
4. Interviews are by invitation only.
5. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

### Application Procedures

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

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

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**Additional Information Links**

- [Multicultural Affairs and Summer Programs](#)
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## Core Curriculum for Health Information Administration

<b>A. Essential Skills</b>	<b>9 semester hours</b>
<ul style="list-style-type: none"> <li>● English Composition I (3 hours)</li> <li>● English Composition II-Literature based (3 hours)</li> <li>● College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours)</li> </ul>	
<b>B. Institutional Options</b>	<b>4 - 5 semester hours</b>
<p>If a student planning to transfer to MCG from another school in the University System of Georgia has completed this area with courses taken 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:</p> <ul style="list-style-type: none"> <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> <li>● Speech</li> <li>● Any approved guided elective from Area F</li> </ul>	
<b>C. Humanities and Fine Arts</b>	<b>6 semester hours</b>

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:

- 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
- 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 (1000- and 2000-level) courses related to the program of study or prerequisite to courses 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**

Please email comments, suggestions or questions to:

**Academic Admissions**

August 21, 2001

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## Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, estimated expenses specific to health information administration are shown below. These figures are based upon the normal experience of our students. In some cases, costs may be higher.

	<b>First Year</b>	<b>Second Year</b>
Books and supplies	\$ 850	\$ 400
Professional liability insurance	15	15
Other (travel, graduation, etc.)	235	450
<i>Total</i>	<i>\$1,100</i>	<i>\$1,040</i>

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August 07, 2001

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## Curriculum

[Traditional 2+2 transfer program](#)

[One-year certificate program for college graduates](#) with bachelors degrees in allied health and nursing.

[One-year certificate program for college graduates](#) with bachelors degrees in business administration.

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## Curriculum

### Traditional 2+2 Transfer Program

The curriculum is four semesters long and includes practice in hospitals in addition to the lectures and laboratory experiences which take place on the MCG campus.

The curriculum which follows is representative of the course distribution. Because professional needs are changing with new developments in health care delivery, the curriculum is constantly under evaluation and revision. The departmental faculty reserves the right to make adjustments in the curriculum as necessary to assure the development of required competencies.

<b>Junior Year</b>		
<i>Fall</i>		<i>Credit Hours</i>
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
<i>Spring</i>		
HIM 3102	Human Resource Management	4
HIM 3103	Managerial Practicum	2



HIM 3314	Pathophysiology and Essentials of Pharmacology	5
HIM 3415	Health Data Classifications and Coding Systems	3
HIM 3517	Introduction to Database Design and Health Information Systems	4
	Semester Total	18
<b>Senior Year</b>		
Fall		
HIM 4104	Budget and Finance	3
HIM 4209	Legal Aspects and Ethics	2
AHS 3610	Ethics for Health Professionals	1
HIM 4210	Quality Management	3
HIM 4416	Procedural Coding and Principles of Reimbursement	3
HIM 4518	Advanced Database Design and Health Information Systems Analysis	4
HIM 4622	Statistics and Research Methodology	3
	Semester Total	19
Spring		
HIM 4105	Management Capstone	2
HIM 4211	Health Care Delivery Systems	2
HIM 4519	Systems Design Implementation	2
HIM 4722	Administrative Practicum	9
	Semester Total	15
	PROGRAM TOTAL	69

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## General Admission Criteria

### One-year Post-baccalaureate Certificate Program

Admission is based on the applicant's prior academic performance at the college level and on an assessment of the applicant's motivation and personal qualities needed to successfully complete the program. Specific requirements for all post-baccalaureate applicants include

1. Bachelor's degree from an accredited college or university.
2. Submission of transcripts from all prior colleges or universities attended.
3. Two letters of recommendation.
4. Interview by departmental faculty.
5. Completion of prerequisite courses in accounting (three semester hours) and micro-computer applications with lab, including word processing and spreadsheets (three semester hours).
6. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

Applicants whose degrees are in allied health science or nursing are required to show

1. Proof of active or current registration or license in an allied health or nursing profession.
2. At least two years of clinical experience.

Applicants whose degrees are in business are required to show proof of a baccalaureate degree in business administration.

### Application Procedures

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

Applications for admission are encouraged by July 1, but will continue to be

processed until the class has been filled.

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January 30, 2002

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## Academic Promotion and Graduation

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

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## Curriculum

### One-year Post-baccalaureate Certificate Program

#### Allied Health/Nursing Majors

The curriculum is three semesters long and includes practice in hospitals in addition to the lectures and laboratory experiences which take place on the MCG campus.

The curriculum which follows is representative of the course distribution. Because professional needs are changing with new developments in health care delivery, the curriculum is constantly under evaluation and revision. The departmental faculty reserves the right to make adjustments in the curriculum as necessary to assure the development of required competencies.

<i>Fall</i>		<i>Credit Hours</i>
HIM 3101	Management Principles	4
HIM 3207	Healthcare Statistics and Data Management	2
HIM 4104	Budget and Finance	3
HIM 3206	Introduction to Health Information Management	3
HIM 3000	Legal Aspects of HIM (5-week module)	1
HIM 3001	Quality Management (5-week module)	1
	Semester Total	14
<i>Spring</i>		
HIM 3102	Human Resource Management	4

HIM 3415	Health Data Classification and Coding Systems(ICD9)	3
HIM 3002	Computer Fundamentals (5-week module)	1
HIM 3003	Introduction to Health Information Systems (5-week module)	1
HIM 3004	Systems Analysis and Design (5-week module)	1
	Semester Total	10
<i>Summer</i>		
HIM 3005	Practicum (10 weeks)	2
	Semester Total	2

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December 05, 2001

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December 20, 2001



# Medical College of Georgia

## Department of **Medical**

## **Technology**

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## **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,

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

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.

**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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Please email comments, suggestions or questions to:

Annette Carter, [acarter@mail.mcg.edu](mailto:acarter@mail.mcg.edu).

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### Medical Technology - Department Faculty



Elizabeth A. Kenimer, M.S.,  
MT(ASCP)SBB

**Chairman and Professor**

email: [ekenimer@mail.mcg.edu](mailto:ekenimer@mail.mcg.edu)

Specialty areas:

Immunochemistry, Immunology,  
Microbiology, Management.

Personal Interest:

Rural health care delivery,  
laboratory assessment of wellness, critical thinking,  
continuing professional development, music and the  
performing arts.

Quote: " Those of us who choose to be educators have a  
responsibility to envision the future and model this vision in  
all aspects of life."



Ann H. Arnette, MHE, MT(ASCP)

email: [aarnette@mail.mcg.edu](mailto:aarnette@mail.mcg.edu)

Specialty areas:

Immunology, student admissions  
and recruitment.

Personal interests:

Travel, sports, fitness.

## [Questions](#)

### **Contact Information:**

Elizabeth Kenimer, Ed.D.  
Interim Chairman  
Medical College of Georgia  
Department of Medical  
Technology  
AL-106

Augusta, Georgia  
(706) 721-3046  
FAX (706) 721-7631  
E-mail:  
[ekenimer@mail.mcg.edu](mailto:ekenimer@mail.mcg.edu)



Gerald Laurich, Ph.D., MT(ASCP)  
email: [jlaurich@mail.mcg.edu](mailto:jlaurich@mail.mcg.edu)

Specialty areas:  
Microbiology.

Personal interests:  
Sports, motorcycling.



Regina C. Mobley, MHE,  
MT(ASCP)  
email: [rmobley@mail.mcg.edu](mailto:rmobley@mail.mcg.edu)

Specialty areas:  
Hematology, Hemostasis, Body  
Fluids, including Urinalysis.

Quote: "My greatest reward in teaching is to see how students use the knowledge and skills that faculty have taught them to become very competent and confident Medical Technologists."

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August 07, 2001

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## Admission Criteria

### Traditional 2+2 Transfer Program

Admission is based on the applicant's prior academic performance at the college level, personal interviews, and assessment of personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.5 (on a 4.0 scale) on all previous college work is required for consideration. Coursework more than 10 years old must be updated in organic chemistry, microbiology, and algebra.
3. Two letters of recommendation are required.
4. Interviews are by invitation only.
5. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

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

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## Admission Criteria

### One-year and Internet distance articulation programs for certified MLTs and certified CLTs

Admission is based on the applicant's prior academic performance at the college level, personal interviews, and assessment of personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.5 (on a 4.0 scale) on all previous college work is required for consideration. Coursework more than 10 years old must be updated in organic chemistry, microbiology, and algebra.
3. Professional certification as a MLT(ASCP) and/or CLT(NCA), or other national agency is required.
4. Two letters of recommendation are required.
5. Interviews are by invitation only.
6. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.
7. Internet distance program applicants must be employed in or have access to a clinical laboratory for required internship projects.

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

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

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## Admission Criteria

### One-year program for college graduates with bachelors degrees in science

Admission is based on the applicant's prior academic performance at the college level, personal interviews, and assessment of personal qualities needed to successfully complete the program. Specific requirements are as follows:

1. All applicants must hold a bachelor of science degree in biology, chemistry, microbiology, or related science field from an accredited college or university.
2. At least 16 semester hours of biology courses (including microbiology and immunology), at least 13 semester hours of chemistry courses (including one semester of biochemistry), and three semester hours of college algebra or higher-level math are required.
3. A grade point average of at least 2.75 (on a 4.0 scale) on all previous college work and an average of at least 2.75 on science courses are required for consideration. Coursework more than 10 years old must be updated in organic chemistry, microbiology, and algebra.
4. Interviews are by invitation only.
5. An interview is required.
6. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

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



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January 30, 2002

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## Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, there are expenses specific to medical technology. In some cases, costs may be higher.

	<b>First Year</b>	<b>Second Year</b>
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.

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## Curriculum

[Traditional 2+2 transfer program](#)

[One-year program](#) for certified MLTs and certified CLTs and for college graduates with bachelors degrees in science

[Internet distance program](#), part-time 2-year program for certified MLTs and certified CLTs

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## Curriculum

Traditional 2+2 transfer program

<b>Junior Year</b>		
<i>Fall</i>		<i>Credit Hours</i>
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
<i>Spring</i>		
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
<i>Summer</i>		
MTCC 4740	Immunoematology	6
MTCC 4420	Microbiology II (Lecture)	3
MTCC 4430	Microbiology II (Lab)	3
Semester Total		12
<b>Senior Year</b>		
<i>Fall</i>		

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
<i>Spring</i>		
	Complete First Internship	2
	Remaining Internships	8
MTCC 4380	Management Project	1
MTCC 4320	Laboratory Management	1
	Semester Total	12

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## Curriculum

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

<i>Summer</i>		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
<i>Fall</i>		
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
<i>Spring</i>		
	Complete First Internship	2
	Complete Remaining Internships	8
MTCM/P 4320	Laboratory Management	1
MTCM/P 4380	Management Project	1
	Semester Total	12

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

**(Regular Cycle----->Students Who Start in the First Semester)  
(Mid-Cycle---->Students Who Start in the Fourth Semester)**

COURSE	HOURS	
	Reg. Cycle	Mid - Cycle
<b>FALL 2000</b>	<b>FIRST SEMESTER</b>	
AHS 3620 - Education	1	1
MTCD 4509 - Introduction to Immunology	1	
MTCD 4320/4380 - Management theory/project	1, 1	1, 1
AHS 4300 - Professional Issues	1	1
MTCD 4810 A - Hematology/fluids Review	1	1
<b>Total Hours Fall 2000</b>	<b>6</b>	<b>6</b>
<b>SPRING 2001</b>	<b>SECOND SEMESTER</b>	
MTCD 4810 B - Hematology/fluids Review	1	1
MTCD 4820 - Advanced Hematology (lec)	3	3
MTCD 4880 - Internship Hematology	2	2
<b>Total Hours Spring 2001</b>	<b>6</b>	<b>6</b>
<b>SUMMER 2001</b>	<b>THIRD SEMESTER</b>	
MTCD 4600 A - Math and Quality Control	1	1
MTCD 4720 - Immunohematology (lec)	3	3
MTCD 4780 - Internship Blood Bank	2	2
<b>Total Hours Summer 2001</b>	<b>6</b>	<b>6</b>
<b>FALL 2001</b>	<b>FOURTH SEMESTER</b>	
	Reg. Cycle	Mid - Cycle



**Contact Information:**

Elizabeth Kenimer,  
Ed.D.  
Interim Chairman  
Medical College of  
Georgia  
Department of Medical  
Technology  
AL-106  
Augusta, Georgia  
(706) 721-3046  
FAX (706) 721-7631  
E-mail:  
[ekenimer@mail.mcg.edu](mailto:ekenimer@mail.mcg.edu)

MTCD 4509 - Intro Immunology	(mid-cycle students only - defer registration and credit until first semester)	
MTCD 4600 B - Math and Quality Control	1	1
MTCD 4620 - Clinical Chemistry (lec)	3	3
MTCD 4680 - Internship Chemistry	2	2
<b>Total Hours Fall 2001</b>	<b>6</b>	<b>7</b>
<b>SPRING 2002</b>		<b>FIFTH SEMESTER</b>
	Reg. Cycle	Mid - Cycle
MTCD 4200 - Library Research/Case Pres.	1	1
MTCD 4400 A - Microbiology Review	1	1
MTCD 4500 - Immunology Review	2	2
MTCD 4580 - Internship Immunology	2	2
<b>Total Hours Spring 2002</b>	<b>6</b>	<b>6</b>
<b>SUMMER 2002</b>		<b>SIXTH SEMESTER</b>
	Reg. Cycle	Mid - Cycle
MTCD 4400 B - Microbiology Review	1	1
MTCD 4420 - Clinical Microbiology (lec)	3	3
MTCD 4480 - Internship Microbiology	2	2
<b>Total Hours Summer 2002</b>	<b>6</b>	<b>6</b>

**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.

Rev. 11-6-01

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Annette Carter, [acarter@mail.mcg.edu](mailto:acarter@mail.mcg.edu).

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## 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.

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December 20, 2001

# Department of Occupational Therapy

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## 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:

1. Training a paralyzed homemaker to clean house and cook.
2. Working with an emotionally disturbed young adult to develop daily living skills, e.g., balancing a checkbook, cooking, shopping, and basic work habits.
3. Working with a group of school children with learning problems in their school work.
4. Teaching an elder who has sustained a stroke to dress and bathe using adaptive techniques.
5. Helping Injured workers to perform work related tasks safely.



### Skills and Interests Suited to a Career in Occupational Therapy

An ability to work with impaired and disabled people, manual skills, maturity, patience, and imagination are needed. The occupational therapist also needs to be skilled and resourceful in teaching, since patients 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.

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**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](mailto:studyot@mail.mcg.edu)



## **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.

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[School of Allied Health Sciences](#) | [Medical College of Georgia](#)

Please email comments, suggestions or questions to:  
Kathy P. Bradley, Ed.D, ORT/L, [studyot@mail.mcg.edu](mailto:studyot@mail.mcg.edu)

October 04, 2001



## School of Allied Health Sciences

*Department of Occupational Therapy*

### Administration

Chairperson Occupational Therapy [Dr. Kathy P. Bradley](#)

### Faculty

[All](#)

[Primary Rank](#)

[Clinical/Adjunct](#)

[Administrative](#)

[Joint Rank](#)

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## School of Allied Health Sciences

*Department of Occupational Therapy*

### All Faculty

Allen, Virginia R. EdD  
Anderson, Emily D. MHEd  
Bradley, Kathy P. EdD  
Buckner, Wendy S. MHEd  
Domyslawski, Donna J. MA  
Domyslawski, Raymond F. MS  
Hale, Cynthia T. BS  
Jaffe, Lynn E. ScD  
Jedlicka, Janet S. PhD  
Joseph, Ricky MA  
Kassner, Teru Creel MS  
Land, Nancy J. BS  
Lee, Gregory P. PhD  
McAlister, Robert B. BS  
Morin, Claudia T. MHEd  
Mosley, Letha J. MEd  
Mueller, Wendy M. MA  
Peters, Susan E. BS  
Webb, Nancy C. PhD

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## General Admission Criteria

Admission is based on the applicant's prior academic performance at the college level, an assessment of related experience, references assessing work related skills, writing skills and personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.5 (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. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

### Application Procedures

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

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

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## Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, estimated expenses specific to occupational therapy are shown below. These figures are based upon the normal experience of our students. In some cases, costs may be higher.

	<b>First Year</b>	<b>Second Year</b>
Books and supplies	\$ 600	\$ 600
Instruments/equipment	35	50
Uniforms	48	48
Liability insurance	15	15
Other (travel, graduation, etc.)	600	1,500*
<i>Total</i>	<i>\$1,298</i>	<i>\$2,213</i>

\*May be higher depending on fieldwork placement

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August 07, 2001

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## Curriculum (2001-2003)

Effective Fall 2001

<i>Fall</i>		Credit Hours
<a href="#">OCC 3100</a>	Professional Foundations in Occupational Therapy	3
<a href="#">OCC 3204</a>	Occupation and Adaptation	4
<a href="#">OCC 3304</a>	Applied Pathophysiology for the Rehabilitation Therapist	3
<a href="#">OCC 3453</a>	Clinical Conditions	3
<a href="#">ITD 3003</a>	Applied Neuroscience	3
	Semester Total	16
<i>Spring</i>		
<a href="#">OCC 3804</a>	Pediatric Evaluation and Intervention	4
<a href="#">OCC 3200</a>	Clinical Reasoning in Occupational Therapy	3
<a href="#">OCC 4310</a>	Mental Health Programming	4
<a href="#">OCC 3153</a>	Biomechanical Measurements	3
	Semester Total	14
<i>Summer</i>		
<a href="#">AMN 3500</a>	Musculoskeletal Anatomy	4
<a href="#">OCC 4883</a>	Occupational Therapy Research I	3
<a href="#">OCC 4343</a>	Adult Models of Practice	3
<a href="#">OCC 4352</a>	Movement Analysis	2
<a href="#">OCC 4201A</a>		CP
	Semester Total	12

<i>Fall</i>		
<a href="#">OCC 4493</a>	Worker Role and Ergonomics	3
<a href="#">OCC 4802</a>	School Systems Practice	2
<a href="#">OCC 4606</a>	Adult Evaluation and Intervention	6
<a href="#">OCC 4672</a>	Functional Application of Adjunctive Therapies	2
<a href="#">OCC 4892</a>	Occupational Therapy Research II	2
<a href="#">OCC 4201B</a>	Professional Seminar	1
	Semester Total	16
<i>Spring</i>		
<a href="#">OCC 4804</a>	Occupational Therapy Service Management (January)	4
<a href="#">OCC 4700</a>	Level II Fieldwork Experience A (February-April)	9
	Semester Total	13
<i>Summer</i>		
<a href="#">OCC 4800</a>	Level II Fieldwork Experience B (May-August)	9
	Elective Options (variable credits)	
	Semester Total	9
	PROGRAM TOTAL	80

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## Academic Continuation and Graduation

A student who earns less than a C in any course may be suspended. A student suspended for academic reasons may reapply following standard admission procedures.

Graduation requirements include completion of all required courses, successful completion of 24 weeks of Level II fieldwork experience, passing the Regents Examination, payment of all fees and completion of the departmental exit exam.

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December 20, 2001

Medical College of Georgia

# Department Physician Assistant

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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](mailto:jstallin@mail.mcg.edu)

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 /  
[underadm@mail.mcg.edu](mailto:underadm@mail.mcg.edu).

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Please email comments, suggestions or questions to:  
Judith Stallings, [jstallin@mail.mcg.edu](mailto:jstallin@mail.mcg.edu)

August 08, 2001



## School of Allied Health Sciences

*Department of Physician Assistant*

### Administration

Chairperson Physician Assistant      [Dr. Bonnie A. Dadig](#)

### Faculty

[All](#)

[Primary Rank](#)

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March 2001



## School of Allied Health Sciences

*Department of Physician Assistant*

### All Faculty

Acevedo, J. Harold MD  
Allen, Kimberly E. MS  
Bannon, Michelle D. BS  
Barnett, Janet E. BS  
Bartee, Lacy H. Sr. MS  
Bingham, Kay H. BS  
Brown, David G. BS  
Brown, Nathaniel A. BS  
Cannady, Robert W. BS  
Colman, Alan E. BS  
Cornelison, W. Fred MDiv  
Craft-Coffman, Beretta BS  
Dadig, Bonnie A. EdD  
Davis, Carol H. BS  
DeRamus, Leonard D. BS  
Eller, Peter C. DPM  
Forbes, E. Faye BS  
Forbes, L. Andrew BA  
Foss, John T. BS  
Garrett, Shavonne W. BS  
Green, Mark S. MS  
Gunder, Shawn E. MPAS  
Haddow, Sara V. MS  
Hamilton, Carol D. MEd  
Harvey, John S. MD  
Harvey, Queen S. BS  
Huechtker, Edward D. Sr. MPA  
Hunt, Winston H. BS  
Jackson, Jennifer J. BS  
Jester, David M. MD  
Kaplan, Joseph J. MD  
Kelly, Colleen E. BS

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Kemle, Kathy A. BS  
Kolmar, Linda A. BS  
Korwin, Joseph J. BMS  
Kothari, Ajay M. MBBS  
Layne, Carlos E. BS  
LeClair, Jesse R. BS  
Lee, James M. BS  
Lee, Laura E. BS  
Master, Bonnie S. BS  
May, Chris A. BS  
Mays, Wallace D. MD  
Mellick, Larry B. MD  
Moti, Udaya G. MBBS  
Nelson, George J. BS  
Owen, Hudson J. Jr. BS  
Pope, John C. III BS  
Portt, James C. MMS  
Pradhan, Avinash C. MBBS  
Pradhan, Medha A MBBS  
Scaggs, Donald F. MPAS  
Scott, Stephen K. MBA  
Smith, Kenneth L. BS  
Smith, Michael O. BS  
Soparas, Joseph S. BS  
Stallings, Judith B. BS  
Stewart, Carbon T. BS  
Stowers, Robert G. BS  
Stowers, Sheryl W. BS  
Styne, Silvia M. BS  
Taylor, Benjamin H. Jr. MPAS  
Thompson, Katharina M. BS  
Walters, Patrick I. MEd  
Westberry, Perry M. AA  
Winn, Francis J. Jr. PhD  
Wispert, Charles M. BS  
Yrizarry, Elizabeth G. BS

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## General Admission Criteria

Admission is based on undergraduate college work including the overall, transfer, and math/science grade point averages. Other criteria include personal interviews and assessment of the applicant's motivation and personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 3.0 (on a 4.0 scale) on all previous college work and an average of at least 2.8 on math and science courses are required for consideration.
3. Two letters of recommendation are required.
4. Interviews are by invitation only.
5. Preference is given to residents of Georgia and to residents of states with no physician assistant program.
6. Applicants whose first language is not English must submit official TOEFL scores. A minimum TOEFL score of 250 on the computer-based exam or 600 on the paper exam and a minimum score of 50 on the TSE-P are required for admission consideration. The TSE-A exam scores will not be accepted. Applicants must take both the TOEFL and the TSE-P by October 15 to be considered for admission the following year.

### Application Procedures

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Central Application Service for Physician Assistants \(CASPA\)](#).

Requirements for the initial application are specified in the CASPA application materials. Following the receipt and review of your initial application, a supplemental application will be requested by the MCG Physician Assistant department. Applications must be received by October 15. Earlier application is encouraged.

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August 07, 2001

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## Core Curriculum for Physician Assistant

A. Essential Skills	9 semester hours
<ul style="list-style-type: none"> <li>● English Composition I (3 hours)</li> <li>● English Composition II-Literature based (3 hours)</li> <li>● College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours)</li> </ul>	
B. Institutional Options	4 - 5 semester hours
<p>If a student planning to transfer to MCG from another school in the University System of Georgia has completed this area with courses taken 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:</p> <ul style="list-style-type: none"> <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> <li>● Speech</li> <li>● Any approved guided elective from Area F</li> </ul>	
C. Humanities and Fine Arts	6 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:

- 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	18 semester hours
-------------------------------------	-------------------

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
---------------------------------------	---------

<p>Guided electives:</p> <ul style="list-style-type: none"> <li>• Histology</li> <li>• Genetics</li> <li>• Embryology</li> <li>• Comparative Vertebrate 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 hours would be available to be taken in guided electives.

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**Information for Prospective Students**

**Medical College of Georgia**

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## Technical Standards for Admission

Qualification for admission to, and graduation from, the Medical College of Georgia School of Allied Health Sciences requires satisfaction of the following technical standards:

1. Sufficient intellectual capacity to fulfill the curricular requirements of the various basic medical science and clinical courses.
2. Ability to effect multimodal communication with patients, colleagues, instructors and other members of the health care community. Ability to project a neat, well-groomed physical appearance. Computer literacy: demonstrate ability to use word processor spreadsheet and database programs.
3. The physical ability to learn and implement the various technical skills required by the faculty to facilitate preparation for the dependent practice of medicine and the provision of health care.
4. Sufficient emotional stability to withstand the stress, uncertainties and changing circumstances that characterize the dependent practice of medicine.

Technical standards have been developed by the Physician Assistant Department for use in evaluation of prospective students. These standards are admissions guidelines and are subject to continuing revision and improvement.

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## 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.

	<b>First Year</b>	<b>Second Year</b>
Books and supplies	\$ 900	\$ 194
Instruments/equipment	1000	50
Uniforms	70	30
Liability insurance	75	75
Hepatitis injection	113	0
Other (travel, graduation, etc.)	175	500
Certifying examination fee	0	550

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## 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.

<i>Summer</i>		<i>Credit Hours</i>
ANM 3320	Systemic Anatomy	5
PAD 3080	Physical Diagnosis	5
PAD 3470	Medical Communication Skills & Terminology for PA	2
PAD 3280	Clinical Medicine I	7
	Semester Total	19
<i>Fall</i>		
PAD 3290	Clinical Medicine II	9

PAD 3480	Psychosocial Issues	1
PHY 3110	Principles of Human Physiology	6
ITD 7003	Applied Neuroscience	3
	Semester Total	19
<i>Spring</i>		
PAD 3310	Clinical Medicine III	10
PAD 3490	Psychosocial Issues II	1
PAD 3010	Pharmacology	3
PAD 3430	Surgical and Acute Care	3
PAD 3990	Independent Study (Optional)	
	Semester Total	17
PAD 4040	Internal Medicine Rotation	6
PAD 4180	Surgery Rotation	6
PAD 4030	Family Practice Rotation	6
	Semester Total	18
PAD 4200	Emergency Medicine Rotation	6
PAD 4050	Pediatrics Rotation	6
PAD 4070	Mental Health Rotation	6
	Semester Total	18
PAD 4060	OB/GYN Rotation	6
PAD 4900	Independent Study (Optional)	
PAD 4010	Preceptorship	6
	Semester Total	12
	PROGRAM TOTAL	98

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## 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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# Department of Radiologic Sciences

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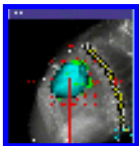


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January 15, 2002

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## Faculty and Staff

### **Gregory G. Passmore, Ph.D., C.N.M.T.**

Associate Professor and Chair, Department of Radiologic Sciences

Associate Professor, Graduate Studies

*Bachelor of Science, Northeast Missouri State University*

*Master of Science, Northeast Missouri State University*

*Master of Science, University of Missouri*

*Doctorate of Philosophy, University of Missouri*

### **Anne Marie Vann, M.Ed., R.T.(T)**

Associate Professor, Department of Radiologic Sciences  
Radiation Therapy Technology Program Director

*Bachelor of Science, Medical College of Georgia*

*Master of Education, Augusta College*

### **Rebecca W. Lam, M.Ed., R.T.®**

Associate Professor, Department of Radiologic Sciences  
Clinical Coordinator, Radiography Program

*Bachelor of Science, Medical College of Georgia*

*Master of Education, Augusta College*

### **Dixon C. Barthel, M.A., R.T.®**

Assistant Professor, Department of Radiologic Sciences  
Radiography Program Director

*Bachelor of Arts, University of Maryland*

*Master of Arts, University of Texas at Arlington*

### **Mary Anne Owen, M.H.E., R.T.(N)**

Instructor, Department of Radiologic Sciences  
Nuclear Medicine Technology Program Director  
Clinical Coordinator, Nuclear Medicine Technology Program

*Bachelor of Science of Education, University of Georgia*

*Master of Health Education, Medical College of Georgia*

**Lynn K. Reyes, B.S.D.M.S., R.D.M.S., R.D.C.S.**  
Instructor, Department of Radiologic Sciences  
Diagnostic Medical Sonography Program Director

*Bachelor of Science, Medical College of Georgia*

**Rebecca J. Etheridge, B.S., R.T.®, R.D.M.S.**  
Clinical Coordinator and Instructor, Diagnostic Medical  
Sonography Program

*Bachelor of Science, Medical College of Georgia*

**Yvonne Erb, R.T.® (M) (CT)**  
Clinical Instruction Radiographer, Radiography Program

*Associate of Science, Medical College of Georgia*  
*Bachelor of Science, Medical College of Georgia*

**Debbie E. Holmes**  
Administrative Specialist 3

**Lucille Gibson**  
Administrative Secretary

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November 26, 2001

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## Program Information and Majors Offered

### General Information

The Department of Radiologic Sciences offers two pathways into the Bachelor of Science in Radiologic Sciences program. College students with no previous health care credentials may enter the program through transfer of 60 semester hours of liberal arts courses (2+2 format), or persons who are certified in one of the radiologic sciences may enter to obtain advanced professional studies (post-certification format). By the start of the program, which is fall semester each year, all accepted applicants must possess the prerequisite 60 semester hours of liberal arts courses listed on the [Core Curriculum](#).

Additionally, the nuclear medicine, diagnostic medical sonography and radiation therapy technology programs offer [certificate curricula](#) which provide intense specialized education in the modalities for people with previous medical certification. The radiation therapy technology program also offers a BS degree with a concentration in Medical Dosimetry. Individuals with a baccalaureate degree, which includes credits in certain math/science requirements, may also be eligible to matriculate in programs leading to certification in nuclear medicine technology or diagnostic medical sonography.

The Department offers the single major advanced level curriculum as a part time, non-traditional curriculum; therefore, certain classes may be scheduled during the evening hours and/or taught in a non-traditional format.

### Majors Offered

The department offers majors in the following disciplines:

- Diagnostic Medical Sonography
- Nuclear Medicine Technology
- Radiation Therapy Technology

Radiography  
Medical Dosimetry\*

A multi-credential (double) major can be obtained by combining any two of the above majors.

*\*The major in medial dosimetry is available only to persons certified as radiation therapists.*

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## Core Curriculum for Radiologic Sciences

A. Essential Skills	9 semester hours
<ul style="list-style-type: none"> <li>● English Composition I (3 hours)</li> <li>● English Composition II-Literature based (3 hours)</li> <li>● College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours)</li> </ul>	
B. Institutional Options	4 - 5 semester hours
<p>If a student planning to transfer to MCG from another school in the University System of Georgia has completed this area with courses taken 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:</p> <ul style="list-style-type: none"> <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> <li>● Speech</li> <li>● Any approved guided elective from Area F</li> </ul>	
C. Humanities and Fine Arts	6 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:

- 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	18 semester hours
-------------------------------------	-------------------

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
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Physical Science/Physics with lab (Required)*	4 hours*
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Guided electives:	0-10 hours
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- Pre-Calculus or Other Math
- Statistics
- 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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## Certificate Curricula

[Certificate - Nuclear Medicine Technology](#)

[Certificate - Radiation Therapy Technology](#)

[Certificate - Diagnostic Medical Sonography](#)

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August 07, 2001

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## 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, computer science, 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.

<i>Fall</i>		Credit Hours
RSC 3634	Radiation Protection and Detection	4
NMT 3611	Principles of Nuclear Medicine I	4
RSC 3611	Introduction to Patient Care	2
NMT 3641	Clinical Internship	3
	Semester Total	13
<i>Spring</i>		
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
<i>Summer</i>		
NMT 3600	Introduction to Nuclear Cardiology	3

RSC 3602	PBL in Radiology Patient Management	1
NMT 3643	Clinical Internship	5
AHS 4300	Professional Issues (Elective)	1
NMT 3623	Clinical Correlation	1
RSC 3613	Professional-Patient Interactions	1
	Semester Total	11

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## 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.

<i>Fall</i>		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
<i>Spring</i>		
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
<i>Summer</i>		
RSC 3633	Radiation Protection and Biology	3
RTT 4615	Radiation Oncology Seminar	3
RTT 4643	Radiation Oncology Clinical Internship	6
	Semester Total	12

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## 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
<i>Spring</i>		
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
<i>Summer</i>		
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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## Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, there are expenses specific to radiologic science. Generally, uniforms are required as a one-time expense; and annual fees such as professional dues, liability insurance and campus parking should be anticipated in addition to textbook expenses.

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## Academic Standards

Students in all departmental programs must earn a grade of C or better in required major area courses to receive program credit. (Major area courses are 1) all professional courses, 2) math/science courses in the core area and 3) area IV courses in programs where applicable. Additionally, certain moral, ethical and behavioral standards are expected of students aspiring to careers in health science. The department therefore requires compliance with policies and procedures which govern conduct both as a student in the university and as a student in a professional program. These regulations are considered academic standards within the scope of clinical practicum courses in the curriculum. Specific policies and procedures are given to the student upon matriculation.

The student who receives a D or F in clinical practicum may be denied permission to continue in subsequent clinical practicum. The department promotions committee will review the student's performance and will make an appropriate recommendation.

## Graduation Requirements

Each program has an identified curriculum which must be successfully completed, which includes a designated number of clinical experience hours, as well as competency assessments. Specific data is given to each student upon enrollment. Due to the dynamic nature of these technological services, periodic revision of curricula is performed. In the event necessary curricular/graduation requirement changes are applied to enrolled students, such changes will be made known to the students. It is then the responsibility of each student to meet the specified requirements. In such circumstances every effort will be made to minimize possible negative impact on a student's curricular plans, especially as pertains to anticipated time of program completion.

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## Curriculum

### Bachelor of Science with concentration in Nuclear Medicine Technology

<b>Junior Year</b>		
<i>Fall</i>		<i>Credit Hours</i>
RSC 3634	Radiation Protection and Detection	4
RSC 3611	Introduction to Patient Care	2
NMT 3611	Principles of Nuclear Medicine I	4
NMT 3641	Clinical Internship	3
	<b>Semester Total</b>	<b>13</b>
<i>Spring</i>		
AHS 3610	Allied Health Ethics and Law	1
NMT 3612	Principles of Nuclear Medicine II	4
PCS 3632	Physics of Nuclear Medicine	4
NMT 3642	Clinical Internship	3
	<b>Semester Total</b>	<b>12</b>
<i>Summer</i>		
NMT 3600	Introduction to Nuclear Cardiology	3
RSC 3602	PBL in Radiology Patient Management	1
NMT 3643	Clinical Internship	5
AHS 4300	Professional Issues (Elective)	1
NMT 3623	Clinical Correlation	1
RSC 3613	Professional-Patient Interactions	1
	<b>Semester Total</b>	<b>13</b>
<b>Senior Year</b>		



<i>Fall</i>		
RSC 4602	Sectional Anatomy	2
NMT 4602	or PACS	2
RTR 4633	or MRI Principles and Instrumentation	2
NMT 4623	or Radiochemistry	4
NMT 4600	Advanced Practice in Nuclear Medicine	3
NMT 4641	Clinical Practicum	2
	Semester Total	15
<i>Spring</i>		
RSC 4610	Advanced Radiologic Patient Care	2
RSC 4621	Pathology for Radiologic Sciences	2
NMT 4642	Clinical Practicum	2
NMT 4602	Independent Research Project and Presentation	3
RSM 4632	Management of the Radiology Department	2
AHS 4300	or Professional Issues in Allied Health Sciences	1
NMT 4601	Advanced Practice in Nuclear Medicine II	4
PCS 4635	or Digital Imaging	4
	Semester Total	14-15

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## Curriculum

### Bachelor of Science with concentration in Radiation Therapy Technology

<b>Junior Year</b>		
<i>Fall</i>		<i>Credit Hours</i>
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
<i>Spring</i>		
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
<i>Summer</i>		
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
<b>Senior Year</b>		
<i>Fall</i>		

RSC 4602	Sectional Anatomy	2
RSC 4653	Statistical Methods and Research Design in Radiologic Sciences	3
RTT 4640	Radiation Oncology Clinical Internship	4
PCS 4631	Physics of Radiation Oncology	4
	Semester Total	13
<i>Spring</i>		
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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## Curriculum

### Bachelor of Science with concentration in Diagnostic Medical Sonography

<b>Junior Year</b>		<i>Credit Hours</i>
<i>Fall</i>		
RSC 3611	Introduction to Patient Care	2
RSC 4602	Sectional Anatomy	2
DMS 3611	Sonography Application I: Abd/OB/GYN	3
DMS 3610	Sonographic Instrumentation	1
DMS 3641	Clinical Internship I	4
Semester Total		12
<i>Spring</i>		
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
<i>Summer</i>		
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
<b>Senior Year</b>		
<i>Fall</i>		
RSC 4653	Statistical Methods and Research Design in Radiologic Sciences	3
AHS 3620	Principles of Education	1
DMS 4621	Sonography Applications IV: Echo/Vasc.	2
DMS 4641	Clinical Internship IV	4
DMS 4620	Independent Study	3
	Semester Total	13
<i>Spring</i>		
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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## Curriculum

### Bachelor of Science with concentration in Radiography

<b>Junior Year</b>		
<i>Fall</i>		<i>Credit Hours</i>
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
<i>Spring</i>		
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
<i>Summer</i>		
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
<b>Senior Year</b>		
<i>Fall</i>		
RSC 4602	Sectional Anatomy	2

RSC 4653	Statistical Methods and Research Design in Radiologic Sciences	3
RTR 4651	Seminar	1
RTR 4641	Clinical Internship	2
RTR 4631 and RTR 4661 or RTR 4633 and RTR 4663	Principles and Instru. of CT (3 hrs.) and CT Clinical Practicum (3 hrs.) or Principles and Instru. of MRI (3 hrs.) and MRI Clinical Practicum (3 hrs.)	6
	Semester Total	14
<i>Spring</i>		
RSC 4610	Advanced Radiation Patient Care	2
RSC 4621	Pathology for Radiologic Sciences	2
RTR 4632 and RTR 4663 or RTR 4661 and Elective	Principles and Instru. of Mammography (3 hrs.) and Mammography Clinical Practicum (3hrs.) or CT Clinical Practicum (3 hrs.) and Elective (3 hrs.)	6
	Semester Total	10

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## Curriculum

### Bachelor of Science with concentration in Medical Dosimetry (for certified radiation therapists only)

<b>Junior Year</b>		<i>Credit Hours</i>
<i>Fall</i>		
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
<i>Spring</i>		
PCS 4636	Advanced Medical Dosimetry and Treatment Planning	3
RTT 4645	Medical Dosimetry Clinical Internship	6
Semester Total		9



<i>Summer</i>		
RTT 4647	Medical Dosimetry Special Topics	3
RTT 4646	Medical Dosimetry Clinical Internship	6
	Semester Total	9

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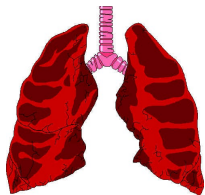
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December 20, 2001

# Department of Respiratory Therapy



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## Respiratory Therapists Take Anti-Smoking Message to School Children

*Christine Hurley Deriso*

**YUCK:**

That was the consensus when a class of sixth-graders at Lincoln County Middle School peered at a set of pigs' lungs, simulated to replicate the effects of a 25-year, pack-a-day smoking habit.

The lungs were black, cancer-ridden and saggy. In stark contrast, a pair of healthy pig lungs was displayed alongside the diseased pair. The healthy lungs were pink, billowy and easily inflatable.

The Medical College of Georgia Department of Respiratory Therapy hopes the recent demonstration will inspire kids to keep their own lungs healthy. Faculty members in the department travel to schools throughout the area to teach middle-school and high school students the dangers of smoking.

**Contact Information:**

Joette F. Stokes  
Administrative Manager  
Specialist.  
School of Allied Health  
Dept of Respiratory Therapy  
Medical College of Georgia  
Augusta, Georgia 30912-0850  
706-721-3554  
email: [jstokes@mail.mcg.edu](mailto:jstokes@mail.mcg.edu)

If you think the discussion is premature with sixth-graders, think again. When Juan Reyes and Kitty Hernlen, instructors in the Department of Respiratory Therapy, asked the Lincoln County sixth-graders if they'd tried cigarettes, fully a third of the students raised their hands.

"I tried it on time with my brother," one student replied. "I was little then...about 6 years old."

"Why did your brother start smoking?" Mr. Reyes asked him.

The student shrugged. "I don't know...his friends, I guess..."

Peers can exert tremendous influence on their friends to smoke, the instructors noted, and they urged the students to resist the pressure. "It's easy to start, but it's hard to stop, Mr. Reyes told them. And peers aren't the only problem; most of the sixth-graders in the raised their hands when asked if their parents smoke. Compounding the problem, role models such as baseball players often display risky behavior such as chewing tobacco, Ms. Hernlen said.

The respiratory therapists gave the students a rundown of some of the more unpalatable ingredients in tobacco products, including arsenic, cyanide, carbon monoxide, tar...even dirt. They used anatomical models to demonstrate the effects on the body and cited a list of the diseases that can result, including cancer and emphysema.

And for good measure, the respiratory therapists appealed to the students' vanity. Smokers, they noted, share such less-than-appealing characteristics as premature wrinkles, stained teeth, yellowed fingernails, a hacking cough, a raspy voice and an unpleasant odor. "People who smoke look older than they really are," Mr. Reyes said.

Ms. Hernlen reminded the students who want to be athletes when they grow up that smoking would almost surely doom their chances. "It's the people who don't smoke who win the races," she said.

Reprint from MCG Beeper  
October 2001

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Please email comments, suggestions or questions to:  
Joette Stokes, [jstokes@mail.mcg.edu](mailto:jstokes@mail.mcg.edu).

January 28, 2002



## School of Allied Health Sciences

*Department of Respiratory Therapy*

### Primary Rank Faculty

Baker, R. Randall PhD  
Butterbaugh, Randy R. EdD  
Dennison, Franklin H. MEd  
Hall, Charles R. Sr. MS  
Hernlen, Kathleen M. MBA  
Mishoe, Leona C. PhD  
Reyes, Juan J. BS  
Rosema, Pamela E. MHS  
Taft, Arthur A. PhD

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March 2001



## School of Allied Health Sciences

*Department of Respiratory Therapy*

### Clinical/Adjunct Faculty

Anderson, Jennifer B. BS

Dickson, Stephen K. AS

Frentzel, Michael BS

Gavigan, Dawn M. BS

Lain, David C. AAS

Matson, Charles R. BS

Quick, Harriet H. BS

Specht, William J. MA MS

Thomas, Lynda L. BS

Tom, Angela G. BS

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## General Admission Criteria

### Traditional 2+2 Transfer Program

Admission is based on the applicant's prior academic performance at the college level, personal interviews, and assessment of personal qualities needed to successfully complete the program.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of 60 semester hours at another accredited college or university.
2. A grade point average of at least 2.5 (on a 4.0 scale) on all previous college work and an average of at least 2.5 on math and science courses are required for consideration.
3. Two letters of recommendation are required.
4. Interviews are by invitation only.
5. Current CPR and first aid certification is required prior to enrollment. CPR for Professional Rescuers is strongly recommended.
6. Applicants are required to shadow respiratory therapists at health care facilities in their area to increase their awareness of the profession.
7. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#).

Applications for admission are encouraged by April 1, but will continue to be processed until the class has been filled or until July 1, whichever comes sooner.

### Program for Advanced Career Track (ACT) Registered Respiratory Therapists

Admission is based on the applicant's prior academic performance at the college level and personal interviews.

1. Prior to enrollment, the applicant must have completed a [core curriculum](#) of



60 semester hours at another accredited college or university.

2. A grade point average of at least 2.5 (on a 4.0 scale) on all previous college work and an average of at least 2.5 on math and science courses are required for consideration.

3. Two letters of recommendation are required.

4. Interviews are by invitation only.

5. Current CPR and first aid certification is required prior to enrollment. CPR for Professional Rescuers is strongly recommended.

6. Proof of NBRC credentials as a Registered Respiratory Therapist (RRT).

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

The Admissions Committee selects the applicants who seem best qualified for the program from among those who apply. Application forms are available from the [Office of Academic Admissions](#). Applications must be received no later than 60 days prior to the registration date of the first semester.

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January 30, 2002

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**Additional Information Links**

- [Multicultural Affairs and Summer Programs](#)
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# Core Curriculum for Respiratory Therapy

A. Essential Skills	9 semester hours
<ul style="list-style-type: none"> <li>● English Composition I (3 hours)</li> <li>● English Composition II-Literature based (3 hours)</li> <li>● College Algebra, Mathematical Modeling, Trigonometry, Pre-calculus or Calculus (3 hours)</li> </ul>	
B. Institutional Options	4 - 5 semester hours
<p>If a student planning to transfer to MCG from another school in the University System of Georgia has completed this area with courses taken 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:</p> <ul style="list-style-type: none"> <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> <li>● Speech</li> <li>● Any approved guided elective from Area F</li> </ul>	
C. Humanities and Fine Arts	6 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:

- 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

18 semester hours

Area F consists of courses related to the program of study or prerequisite to courses required in major. Upper level science or math courses may be accepted in this area with departmental approval.

Anatomy and Physiology I and II

Microbiology

Guided electives:

- Physics
- Statistics
- Biology
- Chemistry
- Research Methods
- Human Development

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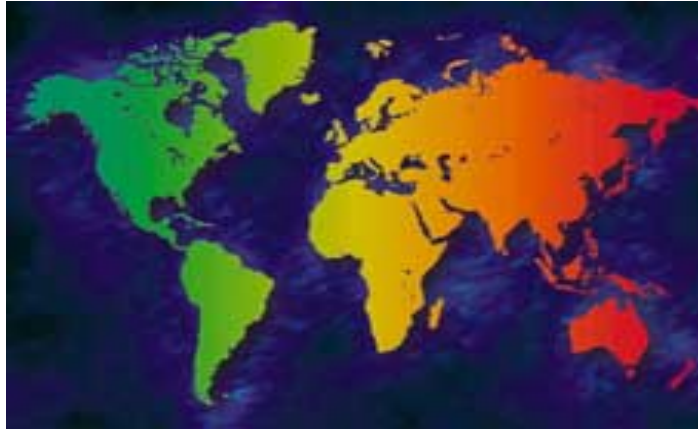
## Bulletin Center



- [TOEFL CBT Bulletin](#)
- [TOEFL Supplemental Paper](#)
- [TSE Bulletin](#)

## [Privacy Policy](#)

## The Official Web Site for the Test of English as a Foreign Language



The TOEFL® program provides English proficiency testing services for international students planning to study in the United States, Canada, or other countries where English is the language of instruction.

[Educational Testing Service \(ETS\)](#) develops the test under the direction of the TOEFL Board, a board comprised of professionals drawn from the higher education community.

The TOEFL test is made available worldwide to all persons, regardless of age, gender, race, nationality, or religion.

## TOEFL News

### Euro

Because of the conversion to the Euro, the TOEFL program will only accept certain [currencies for payment](#). This change also applies to the [TSE program](#).

### APIEL Exam

TOEFL program issues clarification on worldwide use of [exam](#).

### Educators

Visit the newly designed [ITP Web pages](#). Questions on the site will give your students a chance to practice online.

### New Publications

[TOEFL Monograph Series MS-22](#) is now available as a downloadable publication.

The [2001-02 Edition of the TOEFL Test and Score Data Summary](#) is now available as a downloadable publication.

### Test Center Changes in Pakistan

The computer-based testing center in Karachi, Pakistan has been temporarily closed as management of the center changes. Paper-based testing is temporarily replacing computer-based testing in Karachi. Paper-based administrations will be held on January 19, 2002, and

May 11, 2002. Further information is available under [Supplemental Paper Test Center Updates](#).

### **Paper Test Center Updates**

The list of supplemental paper test centers has been changed since the printing of the 2001-02 Supplemental Bulletin. See a list of the changes under [Supplemental Paper Test Center Updates](#).

### **Institutional Online Writing Evaluation**

The TOEFL program announces the [Online Writing Evaluation Service](#) for institutions.

### **TSE Test Center Updates**

New TSE testing centers have been opened since the printing of the 2001-02 TSE Bulletin. See [important registration information](#).

**TOEFL Quick Search**

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## Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, there are expenses specific to respiratory therapy. In some cases, costs may be higher, especially for travel.

	<b>First Year</b>	<b>Second Year</b>
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

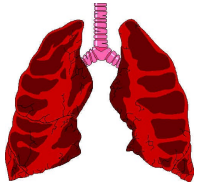
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August 07, 2001



## 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

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### Contact Information:

Joette F. Stokes

Administrative Manager  
Specialist.

School of Allied Health

Dept of Respiratory Therapy

Medical College of Georgia

Augusta, Georgia 30912-0850

706-721-3554

email: [jstokes@mail.mcg.edu](mailto:jstokes@mail.mcg.edu)



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**

**RTH 3212** 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

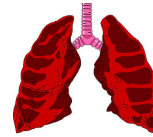
### **Spring Semester**

**AHS 3660** The U.S. Healthcare Delivery System

**RTH 4622** Clinical III

**RTH 4623** Clinical IV (Externship)

**RTH 4650** Respiratory Care Seminar



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Joette Stokes, [jstokes@mail.mcg.edu](mailto:jstokes@mail.mcg.edu).

November 08, 2001

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## Academic Promotion and Graduation

Final grades for academic courses and modules taught by the respiratory therapy faculty are given on an A, B, C, or F scale. The grade of D is not acceptable in any course taught by MCG faculty.

Students must meet the minimum level of proficiency established for each course or module. Minimal level of proficiency is set at 75 percent level of correct responses in written, oral and/or practical examination plus satisfactory completion of other course requirements. This applies to courses taught by the respiratory therapy faculty.

Satisfactory progress through the curriculum depends on satisfactory completion of each course/module at the time the course/module is offered.

Incomplete (I) may be given in any course or module under extenuating circumstances at the discretion of the instructor(s). These must be made up in accordance with MCG policy.

A student who earns a grade of F in any course or module is subject to dismissal from the program.

### Academic Standards

The Department of Respiratory Therapy reserves the right to place a student on departmental probation and to deny permission to continue enrollment in the Department of Respiratory Therapy if, in the opinion of the faculty, the student's knowledge, clinical performance, character or mental or physical fitness cast grave doubts upon his potential capacities as a respiratory therapist.

### Graduation Requirements

The faculty of the Department of Respiratory Therapy make

recommendations for graduation based on a student's ability to develop qualities considered essential for the profession. In addition, the student must pass comprehensive written examinations.

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- [School of Dentistry Faculty](#)

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Please email comments, suggestions or questions to:  
Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

December 20, 2001



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](#)
- Orthodontics
- [Pediatric Dentistry](#)
- [Periodontics](#)

### Resources

- [Annual Report 1999-2000](#)
- [Academic Progress Policies](#)
- [Courses/Curriculum](#)
- [Continuing Education](#)
- [Faculty](#)
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- [Student Admissions Information](#)
- [Student Code of Conduct](#)
- [Quick Recovery](#)

### Internet Resources

- [Greenblatt Library](#)
- [Dentistry Sources](#)
- [Health Sciences Resources](#)

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Terrie English, [tenglish@mail.mcg.edu](mailto:tenglish@mail.mcg.edu)

October 26, 2001



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## School of Dentistry

### Administration

Dean Dentistry

Associate Dean Academic Affairs and  
Advanced Education

Associate Dean Patient Services

Associate Dean Research

Associate Dean Students, Admissions  
and Alumni

Assistant Dean Business Operations

[Dr. Brad J. Potter  
\(Interim\)](#)

[Dr. James T. Barenie](#)

[Dr. Robert W. Comer](#)  
[Dr. George S. Schuster  
\(Interim\)](#)

[Dr. Carole M. Hanes](#)

[Ms. Terrie D. English](#)

### Faculty

[All](#)

[Primary Rank](#)

[Clinical/Adjunct](#)

[Administrative](#)

[Joint Rank](#)

[Emeritus](#)

### Departments

[Administration](#)

[Endodontics](#)

[Oral Biology and Maxillofacial Pathology](#)

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[Oral and Maxillofacial Surgery](#)

[Oral Rehabilitation](#)

[Orthodontics](#)

[Pediatric Dentistry](#)

[Periodontics](#)

**Medical College of Georgia**

Direct inquiries about faculty information  
to the [Office of Faculty Affairs](#).

Comments or questions about the system? Contact [OIRI](#).

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Medical College of Georgia  
**School of Dentistry**  
**Admissions Bulletin**

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Office of Students, Admissions and Alumni

## Careers in Dentistry

A career in dentistry can provide many exciting and rewarding opportunities. Some of the advantages of a career in dentistry include:

- the independence of owning and operating your own business
- the challenge of a variety of tasks as health care provider
- the opportunity for service to others in need of health care
- the security of a comfortable lifestyle

If these advantages are attractive to you, a career in dentistry may be right for you.

### Employment Opportunities

Most dentists are self-employed and establish a private practice alone or in partnership with other dentists. Employment opportunities also exist in the public health service, as teachers and researchers in dental education, commissioned officers in the armed services and researchers or practitioners in industry. In addition, some dentists enter advanced education programs for training in a dental specialty.

### Accreditation

The Doctor of Dental Medicine (D.M.D.) program offered by the School of Dentistry is accredited by the Commission on Dental Accreditation of the American Dental Association.

### Curriculum

The D.M.D. curriculum requires at least 11 academic



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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: [osaas@mail.mcg.edu](mailto:osaas@mail.mcg.edu)

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Please email comments, suggestions or questions to:  
Carole Hanes, [chanes@mail.mcg.edu](mailto:chanes@mail.mcg.edu).

August 20, 2001

Medical College of Georgia  
**School of Dentistry**

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Office of Student Admissions and Academic Support

## School of Dentistry Admissions Bulletin

### Financial Information

#### Financial Aid

The Medical College of Georgia [Office of Student Financial Aid](#) helps students secure needed financial aid. Assistance includes loans, limited scholarships and/or part-time employment.

Information and applications for financial aid are provided to all applicants invited to interview. Correspondence regarding financial aid should be sent to:

Office of Student Financial Aid  
 Medical College of Georgia  
 1120 Fifteenth Street, AA-2013  
 Augusta, Georgia 30912-7320

Applications for funds from MCG are separate from admissions applications, i.e., one need not wait for acceptance to MCG before applying for aid. It is recommended that financial aid application material be submitted between January 1 and February 15 prior to the anticipated enrollment regardless of acceptance status. Applications will be processed according to the date of receipt, so early application after January 1 is encouraged. Applications completed by March 31 will receive priority consideration.

#### Estimated Academic Expenses for 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



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<b>Student Activity Fee</b>	114	114	114	76
<b>Books and Supplies</b>	1,628	699	550	314
<b>Instruments and Equipment</b>	1,854	1,854	1,854	1,237
<b>Uniforms</b>	53	26	0	0
<b>Student Health Insurance</b>	876	876	876	876
<b>Other Fees and Services</b>	797	832	857	717
<b>Totals</b>	<b>\$13,950</b>	<b>\$13,029</b>	<b>\$12,879</b>	<b>\$8,972</b>

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

	<b>Rent/Utilities Phone</b>	<b>Food</b>	<b>Personal Expenses</b>	<b>Trans- portation</b>	<b>Total Per Month</b>
<b>On- Campus</b>	\$170	304	155	175	\$804
<b>Off- Campus</b>	\$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:

<b>Time of Formal Withdrawal</b>	<b>Percent Refunded</b>
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 Students, Admissions and Alumni 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, [chanes@mail.mcg.edu](mailto:chanes@mail.mcg.edu).

August 20, 2001



[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 than the Associate Dean for Students. Student confidentiality must be respected and preserved unless required by subpoena or other legal process. A record of excused absences will be maintained in the office of the Associate Dean for Students until the Student Academic Review Committee reviews grades at the end of the semester.

3. The following may also constitute reasons for an excused absence but these are not emergencies and they should be planned well in advance. The student has the responsibility to notify the course director and the Associate Dean for Students and arrange in advance to make up any work to be missed.

a. Serving off campus as a representative of the institution or an institutionally sponsored organization.

b. Seniors interviewing for a graduate program or practice opportunity.

c. Scheduled participation in an off site rotation or elective.

d. Religious holiday.

e. Other circumstance as may be approved by the course director.

4. Faculty has the responsibility to monitor class attendance. When attendance is part of the course grade, attendance must be taken for all students at every class session. Students 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.

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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

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## Special Degree Programs

### **Combined Master of Science Degree or Doctor of Philosophy Degree in Oral Biology and Doctor of Dental Medicine Degree (D.M.D.)**

For the student with a particular interest in life sciences, these combined degree programs provide opportunities to obtain a research-based degree along with the D.M.D. degree. These programs are available to accepted dental students. For the M.S./D.M.D. program, the degree candidate must spend approximately one additional year between the second and third years of dental school in full-time graduate studies. For the Ph.D./D.M.D. program, the degree candidate will spend approximately three additional years between the second and third years of dental school in full-time graduate studies. During the period of full-time graduate studies, the candidates will perform original research, complete additional course work and write their research thesis. Permission to enter these joint degree programs must be granted by the dean of the School of Graduate Studies and the dean of the School of Dentistry. Applicants must be enrolled in the School of Dentistry, be in good academic standing and be progressing satisfactorily in clinical requirements. The requirements for the combined degree programs are essentially those of the individual degree programs. Further information on these programs can be obtained by writing: Chairman, Department of Oral Biology Medical College of Georgia School of Dentistry, Augusta, Georgia 30912.

### **Graduate Programs**

Information regarding the M.S. in oral biology or the Ph.D. in oral biology can be obtained from the [School of Graduate Studies](#).

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Please email comments, suggestions or questions to:  
Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

August 08, 2001

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August 07, 2001



## Course Descriptions by Department

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Please email comments, suggestions or questions to Rita Garner,  
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January 15, 2002

**ENDO5002. Endodontic Seminar**

1 credit hours

*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

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**ENDO5901. Endodontic Clinic**

1 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

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**ENDO5001. Fundamentals of Endodontics**

3 credit hours

*Prerequisite: None*

This course will introduce the student to the field of endodontics through lecture sessions and laboratory projects. At the conclusion of the course, the student shall be competent in the performance of endodontic procedures on extracted teeth. The student then will be scheduled in the Endodontic Block Clinic for endodontic treatment on extracted teeth mounted in the endodontic dentiform (endodontic simulations).

Grading System: ABCDF

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**ENDO5902. Endodontic Clinic**

2 credit hours

*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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**CLK5901. Clerkship**

4 credit hours

*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

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**CPR5002. Basic Cardiac Life Support (CPR)**

1 credit hours

*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

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**CPR5001. Basic Cardiac Life Support (CPR)**

1 credit hours

*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

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**ETH5001. Ethics, Jurisprudence and Dentistry**

1 credit hours

*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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**IMPL5001. Introduction To Oral Implantology**

1 credit hours

*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

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**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

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**MB5901. Mock Board**

2 credit hours

*Prerequisite: None*

This course is designed to prepare students for the regional dental board examination which is required for Georgia licensure. The course includes 17 hours of lecture and lab preparation time prior to a 3 day mock board examination which closely simulates the current regional dental board examination in terms of didactic, laboratory and clinical components.

Grading System: Satisfactory/Unsatisfactory

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**NSO5001. New Student Orientation**

1 credit hours

*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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**VOD5001. Vocational Opportunities in Dentistry**

1 credit hours

*Prerequisite: None*

A seminar course emphasizing opportunities in the profession of dentistry.

Grading System: ABCDF

**ETH5000. Ethics for Health Professionals**

1 credit hours

*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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**IPS5901A. Introduction to Patient Services**

6 credit hours

*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

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**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

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**OSD5902. Oral Surgery Clinic**

2 credit hours

*Prerequisite: None*

This course is a continuation of Oral Surgery Clinic activity.

Grading System: ABCDF

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**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

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**OSD5002. Fundamentals of Oral Surgery**

2 credit hours

*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

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**OSD5001. Local Anesthesia**

1 credit hours

*Prerequisite: None*

The clinical techniques of local anesthetic administration for dentistry are presented in lecture and performed in the laboratory.

Grading System: ABCDF

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**OSD5903. Oral Surgery Hospital Clinic**

2 credit hours

*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

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**OBMP5002. Applied Head and Neck Anatomy**

5 credit hours

*Prerequisite: None*

Lectures correlate the anatomical information learned in the laboratory to clinical problems, and also tie the regional approach of laboratory anatomy to systemic physiological anatomy. Students dissect the head region and the superficial and deep structures of the neck region. Models and movies of prosected material supplement dissection.

Grading System: ABCDF

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**OBMP5003. Neuroscience**

3 credit hours

*Prerequisite: None*

This course presents the basic structure and function of the nervous system through lectures and laboratories. Case studies are used to correlate basic science information with clinical neuropathies of dental interest.

Grading System: ABCDF

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**OBMP5004. Systemic Anatomy**

3 credit hours

*Prerequisite: None*

This course emphasizes the anatomical organization of axilla, thorax, abdomen, pelvis, and upper and lower extremities. Dissection models and movies of prosected materials are used to study the human body on a systemic basis. Clinical correlations are emphasized.

Grading System: ABCDF

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**OBMP5001. General and Oral Microanatomy**

6 credit hours

*Prerequisite: None*

This course presents didactic information and provides laboratory experiences related to the microscopic appearance and functional correlates of cellular, subcellular and extracellular structures of the primary tissues, organs and organ systems of the human body. Emphasis is placed on the structure and function of tissues of the oral cavity, and on the correlation of basic science information to various aspects of clinical dentistry.

Grading System: ABCDF

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**OBMP5101. Biochemical Basis of Oral Health and Disease**

6 credit hours

*Prerequisite: None*

Biomedical concepts and information essential to understanding the chemistry of the living cell are presented. Correlations between biochemistry and dental clinical sciences are emphasized.

Grading System: ABCDF

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### **OBMP5502. Clinical Pathology Conferences**

2 credit hours

*Prerequisite: None*

This course is comprised of clinicopathologic conferences encompassing differential diagnosis of systemic diseases. These conferences include case studies of diseases with emphasis on pathogenesis relative to clinical manifestations with implications for patient management during treatment of oral disease. Fundamentally, this course is conducted in a problem-solving format.

Grading System: ABCDF

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### **OBMP5503. Oral Pathology I**

2 credit hours

*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

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### **OBMP5505. Clinical Oncology**

1 credit hours

*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

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**OBMP5102. Molecular Biology of Craniofacial Development**

2 credit hours

*Prerequisite: None*

Topics include regulatory mechanisms and pathways involved in the flow of genetic information required for normal tissue development and homeostasis. Special emphasis is given to development of the teeth, periodontium and other oral structures. Processes of gametogenesis and early embryogenesis with emphasis on craniofacial development also are presented.

Grading System: ABCDF

**OBMP5201. Physiological Foundation for Dental Practice I**

4 credit hours

*Prerequisite: None*

An integrated study of the functional system of the human body ranging from molecular interaction to organismic behavior is presented in this course. Special emphasis is placed on principles and concepts related to dental practice.

Grading System: ABCDF

**OBMP5202. Physiological Foundation for Dental Practice II**

2 credit hours

*Prerequisite: None*

This course provides students knowledge of the basic functions of cells, tissues, organs and organ systems and how they interrelate so that they may make clinical judgments on a rational, scientific basis.

Grading System: ABCDF

**OBMP5301. Oral Microbiology and Infectious Disease I**

3 credit hours

*Prerequisite: None*

This course presents lectures on microbiology and immunology including microbial physiology, metabolism, genetics and mechanisms of pathogenesis and basic principles of immunology and immunological responses.

Grading System: ABCDF

**OBMP5302. Oral Microbiology and Infectious Disease II**

3 credit hours

*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

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**OBMP5303. Cariology**

2 credit hours

*Prerequisite: None*

The course presents an integrated study of the multifactorial aspects of dental caries, including theories of caries etiology, epidemiology, molecular pathology, microbiological and biochemical composition of dental plaque, host and nutritional influences on pathogenicity. Approaches to caries prevention including immunization, fluoridation, antimicrobial agents and sugar substitutes are discussed.

Grading System: ABCDF

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**OBMP5401. Pharmacology and Therapeutics for Dental Practice I**

1 credit hours

*Prerequisite: None*

This course is an introduction to pharmacology with emphasis on aspects of particular relevant to general dentistry.

Grading System: ABCDF

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**OBMP5402. Pharmacology and Therapeutics for Dental Practice II**

5 credit hours

*Prerequisite: None*

This course includes the pharmacology of drugs that affect the central nervous system, autonomic nervous system, cardiovascular system and endocrine function.

Grading System: ABCDF

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**OBMP5403. Dental Pharmacology Seminar**

1 credit hours

*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.



**OBMP5601. Bioclinical Seminar I**

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

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**OBMP5602. Bioclinical Seminar II**

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

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**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

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**OBMP5501. Applied Pathology in Dentistry**

5 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

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## **OBMP5103. Nutrition for Dental Professionals**

1 credit hours

*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

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**EDS5902. 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: ABCDF

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**EDS5901. Emergency Dental Services**

1 credit hours

*Prerequisite: None*

The Emergency Dental Services (EDS) provides students with the experiences necessary for them to be competent in the prevention and management of dental emergencies. During rotation through the clinic, the student will encounter and treat the majority of dental emergencies which are commonly seen in dental practice including those of pulpal and periodontal origin, traumatic origin and those resulting from treatment failures.

Grading System: ABCDF

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**OMD5005. Oral Medicine**

1 credit hours

*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

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**OMD5002. Oral Diagnosis I**

1 credit hours

*Prerequisite: None*

An introduction to the technique of oral physical examination and collection of diagnostic data, oral diagnosis and treatment planning, so that students are prepared, with close supervision, to provide comprehensive oral examinations of patients in the MCG Dental Clinic.

Grading System: ABCDF

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**OMD5001. Principles of Personal Prevention**

1 credit hours

*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

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**OMD5004. Oral Medicine: The Medically Compromised Patient**

3 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

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**OMD5901. Oral Medicine Clinic**

1 credit hours

*Prerequisite: None*

This course trains the students in clinical techniques of oral physical examination, collection of diagnostic data, treatment planning, and patient management.

Grading System: ABCDF

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**OMD5006. Senior Oral Medicine Case Presentations**

1 credit hours

*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

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**OMD5903. Oral Medicine Clinic**

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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**OMD5902. Oral Medicine Clinic**

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

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**OMTP5002. Treatment Planning II**

1 credit hours

*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

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**OMTP5001. Treatment Planning I**

1 credit hours

*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

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**ORP5001. Orientation to the Profession and Ethics**

1 credit hours

*Prerequisite: None*

This introductory course provides a multidisciplinary overview of dental practice. It illustrates the types of services which dentists offer, introduces dental terminology, presents examples of techniques and procedures, discusses various specialty services within dentistry, and provides insight on career opportunities. It discusses curricular expectations within each general category of dental practice. Significant individuals, materials and procedures in the history of dentistry are also reviewed.

Grading System: ABCDF

**PM5904. Patient Services**

1 credit hours

*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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**PM5901. Patient Services**

1 credit hours

*Prerequisite: None*

The series of Patient Services courses are designed to teach students to utilize clinic time effectively and manage patient records, oral disease and infection control in a professional manner.

Grading System: ABCDF

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**PM5902. Patient Services**

1 credit hours

*Prerequisite: None*

The series of Patient Services courses are designed to teach students to utilize clinic time effectively and manage patient records, oral disease and infection control in a professional manner.

Grading System: ABCDF

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**PM5903. Patient Services**

1 credit hours

*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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**RADD5002. Dental Radiologic Interpretation I**

2 credit hours

*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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**RADD5001. Radiology**

2 credit hours

*Prerequisite: None*

This is an introductory course in dental radiology that includes lectures and laboratory exercises in radiation physics, radiation biology, radiation safety and radiographic techniques. An introduction to radiographic film processing, darkroom maintenance, error recognition and an introduction to radiological interpretation of normal anatomy, caries, periodontal disease and periapical disease will also be presented.

Grading System: ABCDF

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**DAU5901. Dental Practice Dynamics Clinic**

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 management, time management, and orientation to the private practice.

Grading System: ABCDF

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**DAU5002. Principles and Practice of Small Business Administration**

2 credit hours

*Prerequisite: None*

This course is the dental students introduction to the Principals and Practice of a Small Business Administration. From the concepts taught in this course the student will gain an understanding of the business side of dentistry. Subject matter presented in this course includes the selection of a practice area, designing the dental facility, equipping the dental office, borrowing money to finance the new practice, producing pro-forma financial documents, principles of cost and revenue, contract agreements, leasing dental equipment, bookkeeping and patient record forms, interviewing and staff selection, and business management accounting systems.

Grading System: ABCDF

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**DAU5001. Introduction To Operatory Procedures**

1 credit hours

*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

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**DAU5003. Principles and Practice of Small Business Administration**

3 credit hours

*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

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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

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### **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

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### **STAT5001. Statistics, Epidemiology and the Scientific Method**

1 credit hours

*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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### **PRO5902. Prosthodontic Clinic**

2 credit hours

*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.

Grading System: ABCDF

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**PRO5901. Prosthodontic Clinic**

2 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 semester insertion deadline.

Grading System: ABCDF

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**PRO5903. Prosthodontic Clinic**

2 credit hours

*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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**PRO5004. Advanced Prosthodontics**

3 credit hours

*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

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**PRO5003. Complete Dentures**

3 credit hours

*Prerequisite: None*

This course extends the previously taught didactic and laboratory procedures to the clinic. A complete maxillary and mandibular denture is fabricated for an edentulous patient with major emphasis on correlating for the patient's biological milieu with the clinical aspects of complete prosthodontics.

Grading System: ABCDF

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**RES5904. Restorative Clinic**

7 credit hours

*Prerequisite: None*

Students provide a variety of restorative procedures to patients in a supervised comprehensive clinical environment. Procedures include direct composites and amalgams and indirect crown and bridge.

Grading System: ABCDF

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**RES5001. Operative Dentistry**

6 credit hours

*Prerequisite: None*

Principles and techniques of conservative cavity preparation and restoration of teeth with silver amalgam and esthetic restorative materials are taught in the course. Laboratory treatment of simulated permanent teeth and extracted human teeth is utilized to teach basic restorative concepts.

Grading System: ABCDF

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**RES5004. Fixed Prosthodontic Seminar**

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.

Grading System: ABCDF

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**RES5005. Esthetic Restorative Dentistry**

3 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.

Grading System: ABCDF

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**RES5006. Restorative Seminar**

1 credit hours

*Prerequisite: None*

This lecture/seminar course reviews advances and research in restorative materials and techniques.

Grading System: ABCDF

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**RES5901. Restorative Clinic**

5 credit hours

*Prerequisite: None*

The purpose of this clinical course during the junior year is to provide the student with the opportunity to gain clinical experience and skill while demonstrating independent clinical knowledge and technical skills for a variety of indirect and direct restorative procedures.

Grading System: ABCDF

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**RES5902. Restorative Clinic**

5 credit hours

*Prerequisite: None*

The purpose of this clinical course during the junior year is to provide the student with the opportunity to gain clinical experience and skill while demonstrating independent clinical knowledge and technical skills for a variety of indirect and direct restorative procedures.

Grading System: ABCDF

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**RES5903. Restorative Clinic**

7 credit hours

*Prerequisite: None*

This course is designed to allow the student the opportunity to complete the senior year requirements and to begin preparing for the regional boards. The course is confirmation of the student clinical skills and knowledge, and assessment of the ability of the student to perform both quality dentistry and a quantity of dentistry with a given time period.

Grading System: ABCDF

---

**PRO5001. Preclinical Complete Dentures**

7 credit hours

*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

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**PRO5002. Removable Partial**

5 credit hours

*Prerequisite: None*

This laboratory technique course stresses the fundamentals of proper RPD design and fabrication. Emphasis is on examination, diagnosis, sequential treatment planning and mouth preparation including occlusal modification to assure optimal stability and occlusal harmony of the RPD(s) in function.

Grading System: ABCDF

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**RES5002A. Fixed Prosthodontics I**

7 credit hours

*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

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**RES5003A. Fixed Prosthodontics II**

4 credit hours

*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

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**ORTH5001. Orthodontics I**

2 credit hours

*Prerequisite: None*

This course is an introduction to orthodontics and is designed to provide the student with the knowledge base necessary to identify existing and developing problems associated with dental and/or skeletal malocclusions.

Grading System: ABCDF

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**ORTH5002. Orthodontics II**

2 credit hours

*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

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**ORTH5901. Orthodontic Clinic**

1 credit hours

*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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**PEDO5003. Dentistry for the Disabled Patient**

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

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**PEDO5001. Preclinical Pediatric Dentistry**

3 credit hours

*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

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**PEDO5002. Pediatric Dentistry Seminar**

1 credit hours

*Prerequisite: None*

This seminar course reviews, updates and expands into areas beyond those covered in the preclinical pediatric dentistry course. Aspect of children's dentistry which are covered include: growth and development; pathology: pulp and trauma management; caries, prevention and restorative dentistry; tooth development, periodontology and oral surgery; child behavior; tooth eruption and diastemas; crossbites and space maintenance; occlusion, cephalometrics and serial extraction; radiology; and orthodontics and relapse.

Grading System: ABCDF

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**PEDO5901. Pediatric Dentistry Clinic**

1 credit hours

*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

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**PEDO5902. Pediatric Dentistry Clinic**

2 credit hours

*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



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**PER5902. Periodontic Clinic**

1 credit hours

*Prerequisite: None*

This is a clinical course in which the student, under faculty supervision, can diagnose his/her patients' periodontal conditions and treat mildly involved cases. The need for early treatment, effective patient-performed disease-control measures, timely dentist-provided maintenance care and the positive outcome deriving from them is emphasized. The student is expected to make continuing progress toward fulfilling department graduation requirements.

Grading System: ABCDF

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**PER5903. Periodontic Clinic**

2 credit hours

*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

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**PER5901. Periodontic Clinic**

2 credit hours

*Prerequisite: None*

This is a clinical course in which the student, under faculty supervision, can adequately diagnose his/her patients periodontal conditions and provide treatment for mildly involved cases. The need for early treatment, effective patient performed disease control measures, and timely dentist-provided maintenance care is emphasized.

Grading System: ABCDF

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**PER5004. Periodontology in a General Practice**

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

**PER5003. Contemporary Topics in Periodontology**

1 credit hours

*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

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**PER5002. Surgical Periodontics**

1 credit hours

*Prerequisite: None*

This course is designed to introduce the student to basic surgical techniques available to manage selected periodontal cases. Material covered will include surgical techniques such as the gingivectomy, Modified Widman Flap, open flap curettage, apically positioned flap, etc. The laboratory exercise in this course is designed to provide the student with an opportunity to gain limited hands-on pre-clinical surgical experience.

Grading System: ABCDF

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**PER5001. Fundamentals of Periodontology**

3 credit hours

*Prerequisite: None*

This course provides lectures, seminars, laboratories and clinical exercises to introduce the student to periodontology. Lecture topics include epidemiology and classification of periodontal diseases, periodontal pathology and etiology, assessment of etiological factors such as medical and dental history, soft tissue exam probing depth, clinical attachment levels, recession, bleeding, mobility, furcations, introgenics, charting and radiographs, diagnosis and prognosis, scaling and root planing instrumentation, treatment planning, periodontal clinic protocol, plaque control and special ODC, response to instrumentation, maintenance of the patient, considerations in restorative and prosthetic treatment and behavior modification. Seminars provide discussion on treatment planning and reviews of periodontology. Laboratories provide for development of the student's understanding of clinical color changes, probing, root surface instrumentation and its differentiation from enamel surface instrumentation, practical exercises in instrumentation along with calculus removal, demonstrations of the proper instrument sharpening technique and instrument care. Clinical exercises include a color assessment, probing exercise, practical scaling/polishing on a paired student and treatment on two actual scale/polish patients.

Grading System: ABCDF

## **PER5904. Periodontic Clinic**

2 credit hours

*Prerequisite: None*

This course is designed to allow the student the opportunity to complete the senior year requirements and to begin preparing for the regional boards. The course is confirmation of the student clinical skills and knowledge, and assessment of the ability of the student to perform both quality dentistry and a quantity of dentistry with a given time period.

Grading System: ABCDF

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Please email comments, suggestions or questions to:  
Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

December 20, 2001

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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 [common admissions](#) process. During the first year of graduate study, they will take core courses and perform several laboratory rotations. They then may choose a research mentor from graduate faculty holding appointments in: [Biochemistry and Molecular Biology](#), [Cellular Biology and Anatomy](#), [Molecular Medicine](#), [Pharmacology and Toxicology](#), [Physiology](#) and [Vascular Biology](#). Applicants to the Ph.D. and M.S. programs in [Oral Biology](#) are admitted via a separate process.

Qualified Ph.D. applicants are eligible for stipend support of \$18,500.00 per year. To receive consideration for admission and stipend support, completed applications must be received in the Office of Academic Admissions by January 15. Applications received after January 15 will be considered on a space available basis.

**\*\*To receive a free informational CD-ROM and/or video highlighting our biomedical sciences graduate programs and research at MCG, please e-mail Bridget Gaines at [bgaines@mail.mcg.edu](mailto:bgaines@mail.mcg.edu)\*\***

## **Nursing**

A master's degree or Ph.D. in nursing enables a career in fields such as [Adult Nursing](#), [Parent-Child Nursing](#), [Community Nursing](#), [Mental 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 [Associated Dental Science](#), [Health Information Management](#), [Medical Illustration](#), [Medicine Technology](#), [Occupational Therapy](#), [Physical Therapy](#), [Physician Assistant](#), [Radiologic Sciences](#) and [Respiratory Therapy](#).

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Gretchen Caughman, [gcaughma@mail.mcg.edu](mailto:gcaughma@mail.mcg.edu)

January 31, 2002

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## School of Graduate Studies

### Administration

Dean Graduate Studies  
Associate Dean

Dr. Matthew J. Kluger  
Dr. Gretchen B. Caughman

### Faculty

All  
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Direct inquiries about faculty information  
to the [Office of Faculty Affairs](#).

Comments or questions about the system? Contact [OIRI](#).

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March 2001

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## General Information

### The Medical College of Georgia



The Medical College of Georgia, Georgia's health sciences university, was founded in 1828 and is the 11th oldest medical school in the nation. The university includes the Medical College of Georgia Hospital and Clinics, the MCG Children's

Medical Center and Schools of Allied Health Sciences, Dentistry, Graduate Studies, Medicine and Nursing. MCG Hospital and Clinics comprises more than 80 specialty clinics and a regional trauma center.

The university has a strong commitment to research, building on a proud tradition that boasts, among other achievements, a cure for pellagra and the groundwork that led to such breakthroughs as fertility pills, birth-control pills and beta-blocking drugs for cardiac arrhythmias. MCG's many initiatives in education, research and patient care-including its Center for Telemedicine and Institute of Molecular Medicine and Genetics-are ushering in a new era of health care delivery and treatment of disease. Other research initiatives at MCG focus on areas such as Alzheimer's disease, schizophrenia, cardiovascular disease, diabetes and sickle cell anemia.

MCG's extramural funding has more than tripled in the past ten years, growing from approximately \$7.7 million in 1988 to approximately \$27 million in 1998.

The assets of the Medical College of Georgia Foundation have grown from \$15.8 million in 1988 to more than \$62 million in 1998. These assets include an endowment of more than \$36 million. This endowment has primarily been used to recruit world-class scholars. During MCG President Francis J. Tedesco's tenure, he has established 13 endowed chairs,

including five Eminent Scholar Chairs.

The university's campus is expanding dramatically to accommodate its growth. Recent additions to the campus include the Children's Medical Center, Ambulatory Care Center/Specialized Care Center, Interdisciplinary Research Building and Center for Sports Medicine.

### **Educational Facilities**

The Medical College of Georgia excels in research and patient care, but since its inception in 1828, its top priority has never changed: educating future health care professionals. Resources throughout campus reflect our commitment to our students. These resources, which also lend themselves to MCG research, are particularly well-suited for MCG's approximately 400 graduate students.



The Carl T. Sanders Research and Education Building provides classroom space and laboratories designed to optimize educational opportunities. MCG's state-of-the-art Interdisciplinary Research Building links basic and

clinical sciences. In addition to standard research equipment in each department, institutional facilities include an animal behavior center, transgenic animal facilities, flow cytometry center, core microscopy facility, molecular biology core facility, cell culture facilities, molecular modeling center, a modern laboratory animal facility and a nursing anesthesia simulation lab.

The Robert B. Greenblatt, M.D. Library contains more than 170,000 bound volumes and subscribes to more than 1,200 journals. It is highly computerized with access to other University System of Georgia library collections, database searching and interlibrary loans.



The Medical College of Georgia excels in innovative teaching methods. For instance, the university takes full advantage of distance-learning technology, enabling students to take classes from distant sites. Classes also incorporate the Internet and other technology.

Undergraduate programs in many MCG graduate disciplines enable graduate students to teach in their areas of expertise. Also, clinical agreements allow students to participate in clinical practice sites throughout the Southeast.

### **Student Housing**

MCG offers five on-campus residence facilities, including two that can accommodate families. The MCG Housing Office also can help match you with off-campus housing facilities. For more information, call the MCG Housing Office at (706) 721-3471, or check out our web site:

<http://www.mcg.edu/students/affairs/house/>

### **Financial Aid**

As a state-assisted university, the Medical College of Georgia offers one of the most reasonably priced graduate educations available. Several means of financial aid are available to make your MCG education an even better investment. Many Ph.D. students in the biomedical sciences receive graduate stipends and research assistantships funded through the School of Graduate Studies and research grants. Departments with National Institutes of Health grants also have some predoctoral training positions available. Tuition for graduate assistants appointed by the Dean is \$25 per semester.

Scholarships, stipends, grants, loans and employment opportunities are available from MCG and external sources.

For more information, contact the MCG Office of Student Financial Aid, (706) 721-4901, or check out our web site: <http://www.mcg.edu/students/finaid/finaid.htm>

### **Campus Life**

The Medical College of Georgia offers many opportunities for fun and relaxation.

The MCG Student Center features a snack bar, cafeteria and game tables. A putting green and courts for tennis, racquetball, volleyball and basketball are located near the Student Center. MCG's Student Government Association sponsors regular student parties and get-togethers, and students are encouraged to join extramural sporting teams.

The campus is beautifully landscaped. Towering oaks, flowering pear trees, dazzling azaleas and colorful bulbs abound. Spring, of course, offers the most dramatic scenery, but lush greenery is a year-round delight.



The MCG Police Bureau maintains a friendly, highly visible presence on campus around the clock. Campus police officers offer an escort service upon request. Special phones are placed outdoors throughout campus to enable immediate access to the

Police Bureau. The Police Bureau publishes quarterly crime reports and makes them available upon request.

The campus is within easy walking distance of restaurants, banks, stores and other city amenities. A city bus line makes stops on campus, offering convenient, inexpensive transportation.

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Please email comments, suggestions or questions to:  
Gretchen Caughman, [gcaughma@mail.mcg.edu](mailto:gcaughma@mail.mcg.edu)

January 28, 2002



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- [Molecular Medicine](#)
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- [Physiology](#)
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#### Master of Science in Nursing (M.S.N.)\*\*

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- [Community Health Nursing](#)
- [Mental Health/Psychiatric Nursing](#)
- [Parent/Child Nursing](#)

## **Master of Nursing (M.N.)\*\***

- [Nursing Anesthesia](#)
- [Nurse Practitioner](#)

### **R.N. to M.N./M.S.N. Program**

### **C.R.N.A. to Master of Nursing**

\*\*Bachelor's degree and evidence of current Georgia licensure in the respective field (or eligibility for such licensure) required.

## **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**

- [Oral Biology](#) (requires concurrent acceptance in School of Dentistry or professional degree)

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## Application Procedures & Deadlines

Deadlines for completed applications are as follows for Fall Semester 2002 Admission:

### January 15

Nurse Anesthesia  
Biomedical Sciences (Ph.D.)

**Applications received after this date will be considered on a space-available basis.**

### \*January 31

Medical Illustration (preliminary portfolio)

### March 1

Nursing Ph.D.

### April 15

All other Nursing programs

### June 15

Physical Therapy (MPT) - Applications received after January 15 and before May 1st, will be considered for inclusion on the alternate list.

### June 30

Oral Biology

### 2 months prior to beginning of semester

Master of Science (M.S.)  
Master of Health Education (M.H.E.)

**\*A preliminary slide portfolio of specified artwork and a report of academic qualifications must be submitted as the first step in the application procedure. For information about the required portfolio and the Applicant Preliminary Evaluation Form, write to the Medical Illustration Graduate Program, Medical College of Georgia, Augusta GA 30912-0300.**

The application fee is \$30. It is advantageous to complete the application as early as possible, particularly if financial assistance is being requested. Scores on the General Test of the Graduate Record Examinations are required. Applicants should take the GRE as early as possible in their senior undergraduate year. Students applying to the combined M.D./Ph.D. program should file applications in the School of Medicine. Applications from international students are welcome; however, early application is recommended. TOEFL scores and transcript evaluations are required for all international applicants.

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Please email comments, suggestions or questions to:  
Gretchen Caughman, [gcaughma@mail.mcg.edu](mailto:gcaughma@mail.mcg.edu)

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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 cytometry, electron microscopy and 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 <http://www.mcg.edu/bmb/>

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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](mailto:dsickles@mail.mcg.edu) or visit our web site at  
<http://www.mcg.edu/som/cba/>

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## Molecular Medicine Doctor of Philosophy

This graduate program combines the resources of basic science and clinical medicine for an interdisciplinary approach to molecular medicine. It is designed to prepare students for careers in biomedical research and requires approximately five years of full-time study, including course work, examinations and dissertation research.

The program is based in MCG's Institute of Molecular Medicine and Genetics, directed by Dr. Robert K. Yu, Professor and Eminent Scholar in Neurobiology. The institute includes more than 30 faculty drawn from clinical and basic science departments. All are committed to using molecular approaches to solve disease-related problems.

The opportunity to participate in the institute's research programs is a central aspect of the Molecular Medicine Graduate Program. All students complete a Ph.D. dissertation based on original research. The institute's research programs are organized in five programmatic areas:

### **Cell Signaling**

Led by Dr. James Goldenring, Professor. Research focuses on aspects of intracellular trafficking events in epithelial cells, smooth muscle, endocrine glands and the nervous system.

### **Developmental Biology**

Research focuses on development of the heart, blood, lymphoid organs, and nervous system and makes extensive use of knockout models and transgenic animals. Work includes developing models for congenital defects and methods to manipulate genes in whole animals.

### **Gene Regulation**

Led by Dr. William S. Dynan, Professor and Eminent Scholar in Molecular Biology. Research focuses on basic regulatory

processes in the cell nucleus including transcription, recombination, and the response to heat and radiation damage. Work has applications to cancer, immunology, and rheumatic disease.

### **Molecular Immunology**

Led by Dr. Andrew Mellor, Professor and Eminent Scholar in Molecular Genetics. Research focuses on the role of T lymphocytes and macrophages in regulating the immune response, with applications to autoimmune disorders, graft rejection, infectious diseases and pregnancy.

### **Neurobiology**

Led by Dr. Robert K. Yu, Professor and Eminent Scholar. Research focuses on developmental neurobiology, including the chemistry and biology of neural stem cells and progenitor cells, glial and neuronal cell differentiation and proliferation. Considerable effort is also placed on mechanisms of neurodegenerative disorders and neural regeneration and repair, as well as neurooncology.

For a detailed description of current faculty research and references to recent publications, visit our web site at [www.mcg.edu/gradmm/gradprog.htm](http://www.mcg.edu/gradmm/gradprog.htm)

All first-year students take the School of Graduate Studies core course sequence, designed to teach students to think critically about biological systems at all levels of organization; molecular, cellular, the organ system and the whole organism. First-year students also participate in a structured introduction to modern laboratory methods through individualized instruction in at least three research laboratories. (See the [common admissions](#) website for details.) After the first year, students participate in elective courses and in molecular medicine seminar courses. A Ph.D. comprehensive examination is given in two parts, at the end of the first year and in the middle of the second year.

Most of the program's training takes place in MCG's Interdisciplinary Research Building, offering state-of-the-art mechanical design, a high-speed computer network and specialized research equipment. There are extensive facilities to generate and house genetically modified animals (mice and

zebrafish) and access to molecular biology, imaging, and core facilities.

## Admission Requirements

- Bachelor's degree in relevant discipline
- Transcripts of all post-secondary education
- A combined GRE score of 1000 (sum of verbal and quantitative)
- Three letters of recommendation
- Foreign applicants' transcripts must be reviewed by an approved evaluation service

For the 1999-2000 entering class, the average GRE score (sum of verbal and quantitative) was 1156 and the average undergraduate grade point average was 3.56. Some students had master of science degrees and all had research experience, which is strongly encouraged. Research experience may include undergraduate research and summer research work experiences after graduation. Applicants should describe their research experiences and interests in the personal statement accompanying the application. In the Fall of 2000, the School of Graduate Studies implemented a [common admissions](#) process for all biomedical sciences Ph.D. programs.

The program strongly encourages applications from members of under-represented minority groups and seeks to provide financial support for all students. The availability of financial support frees students to concentrate on their research and course work. In past years, all admitted students have been offered a stipend (\$18,500 in 2001-2002) and tuition is paid by department or faculty, not by student. We seek to provide continuous stipend support for each student for five years, contingent on satisfactory academic progress and the availability of funds. Stipends are funded by the School of Graduate Studies, research grants and other sources.

To receive full consideration for admission and financial support, submit applications by January 15.

Late applications are considered on a space-available basis.

In addition to regular applicants, the program welcomes participants in the [University System of Georgia M.D./Ph.D.](#) program. Students interested in the M.D./Ph.D. program should apply to that program directly. A separate application to the molecular medicine Ph.D. program is not necessary.

For more information about the Molecular Medicine Ph.D. Program, call (706) 721-6306, fax (706) 721-7915 or email [gradprogram@immag.mcg.edu](mailto:gradprogram@immag.mcg.edu)

**OR**

Contact Dr. Wendy Bollag, Director of the Molecular Medicine Ph.D. Program, at (706) 721-0698 or email [wbollag@mail.mcg.edu](mailto:wbollag@mail.mcg.edu)

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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: <http://www.mcg.edu/som/PhmTox/faculty.html>

**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: [nlambert@mail.mcg.edu](mailto:nlambert@mail.mcg.edu).

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## Physiology

The Medical College of Georgia Department of Physiology prepares qualified students for careers as research scientists and college teachers in this discipline. The department offers a Ph.D. degree in the physiological sciences. 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. Michael W. Brands, Department of Physiology, Medical College of Georgia, Augusta, GA 30912. Phone: (706) 721-9785 Fax: (706) 721-7299. Email: [mbrands@mail.mcg.edu](mailto:mbrands@mail.mcg.edu) or visit [our web site](#).

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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 550 paper-based or 213 computer-based, if applicable
- Three letters of recommendation

Combined M.S./D.M.D. and Ph.D./D.M.D. programs require admission to the School of Dentistry as a dental student. At the end of the second year of dental school, the student begins a three-year (Ph.D.) or two-year (M.S.) course of study working toward the graduate degree requirements. The student then re-enters the dental school to complete the D.M.D. degree requirements.

\* For the M.S. degree on average score of 80% on Parts I and II of the Dental National Boards can be used instead of the GRE score.

For more information call (706) 721-2526 or email [gradadm@mail.mcg.edu](mailto:gradadm@mail.mcg.edu)

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## Vascular Biology

The principal objective of the Vascular Biology graduate program is to provide high quality training to students in this area so they can assume leadership roles in the changing world of twenty-first century biomedical research. This newly created program takes advantage of the strength of research on the MCG campus in the area of cardiovascular science and medicine. The program is designed to prepare students for a variety of career options in biomedical research and education that includes academic, pharmaceutical and biotechnology fields. The program requires approximately 5 years of full-time study, including basic and advanced course work, seminars, examinations and dissertation research.

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Vascular Biology is an emerging field concerned with understanding vascular function at the molecular, cellular, organ and whole body level and with designing tools for diagnosis, treatment, and prevention of vascular diseases. The Medical College of Georgia has established the Vascular Biology Center as a focal point for research emphasis. By virtue of its interdisciplinary nature, the Vascular Biology program provides the student with a diverse range of cutting edge technologies at all levels. Students can explore the latest approaches in genomics, bioinformatics, physiomics, and biotelemetry that are integrated with traditional physiology, pharmacology, and pathophysiology.

The Vascular Biology Center was established in 1995. The Center faculty currently includes 7 full-time core members whose newly renovated laboratories are located in over 19,000 square feet of space on the third floor of the Sanders Research & Education Building. Students can choose to do their dissertation research in the laboratory of one of the core faculty or with one of over 20 associate members who also hold graduate faculty status.

Research conducted in the laboratories of Center faculty represents a unique integration of molecular and cell biology

with organ level, whole animal and clinical studies. Center faculty have appointments in a variety of both clinical and basic science departments including Medicine, Anesthesiology, Pediatrics, Surgery, Physiology, Pharmacology & Toxicology, Biochemistry & Molecular Biology and Cell Biology & Anatomy. Detailed descriptions of individual faculty research programs can be found on the Center's faculty webpages:

<http://www.mcg.edu/centers/VBC/index.html>

All first-year students take the School of Graduate Studies core course sequence, Functional Cell Biology and Functional Systems Biology, designed to teach students to think critically about biological systems at all levels. Also included in the first year is an Introduction to Faculty Research course designed to inform the students of their options for dissertation research laboratories. Students are then required to work in three different laboratories anywhere on the MCG campus for one-half of a semester to gain experience and familiarity with individual laboratories and research areas.

At the beginning of the second year students choose a major advisor and begin their dissertation research. Students entering the Vascular Biology graduate program are required to take coursework and electives related to Vascular Biology, and once a year, all students give a seminar on their research. Courses of study are designed by the student's advisor and thesis committee to meet the needs of individual students. Students are eligible to receive stipend support (\$18,000 for the 2000-2001 academic year) and greatly reduced tuition.

### **Admission Requirements**

Students must have a B.S. or B.A. degree, a minimum GRE score (sum of verbal and quantitative) of 1000. Applicants from overseas will also be required to submit TOEFL scores and provide a transcript evaluation. Research experience is strongly encouraged. For more information, call Jennifer S. Pollock, Ph.D., program director at (706) 721-8514 or email: [jpollock@mail.mcg.edu](mailto:jpollock@mail.mcg.edu).

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# University System of Georgia M.D./Ph.D. Program

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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. Continued mentored clinical experiences are arranged for students during their Ph.D. years



on an individualized basis according to the specific interests. Following the completion of graduate studies, students complete the clinical requirements for their M.D. degree. Throughout the program years, students participate in special M.D./Ph.D. seminars, including a series of bimonthly sessions with graduates of dual-degree programs from around the country.

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Please email comments, suggestions or questions to:  
Becky Click, [rclick@mail.mcg.edu](mailto:rclick@mail.mcg.edu).

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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 on Graduates of Foreign Nursing Schools.

For more information, call (706) 721-4710, visit [our web site](#) or email [gradadm@mail.mcg.edu](mailto:gradadm@mail.mcg.edu)

[Applications for Admission to Graduate Degree Programs](#)

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Please email comments, suggestions or questions to:  
Gretchen Caughman, [gcaughma@mail.mcg.edu](mailto:gcaughma@mail.mcg.edu)

August 20, 2001

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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.

### Policies and Procedures:

- [Masters Degree Programs](#)
  - [Masters Guide Booklet \(PDF Format\)](#)
- [Doctor of Philosophy Degree Programs](#)
  - [Ph.D. Guide Booklet \(PDF Format\)](#)

### 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](mailto:gradadm@mail.mcg.edu) or visit [our web site](#).

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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

### Policies and Procedures:

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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 [jboyle@mail.mcg.edu](mailto:jboyle@mail.mcg.edu) or visit [our web site](#).

[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.

### Policies and Procedures:

- [Masters Degree Programs](#)
  - [Masters Guide Booklet \(PDF Format\)](#)
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  - [Ph.D. Guide Booklet \(PDF Format\)](#)

### 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](mailto:gradadm@mail.mcg.edu) or visit [our web site](#).

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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 [our web site](#).

[Applications for Admission to Graduate Degree Programs](#)



## Guide to Course Descriptions

### School of Graduate Studies

<b>Discipline</b>	<b>Prefix</b>
<a href="#">Allied Health Sciences, Graduate</a>	AHS
<a href="#">Biochemistry and Molecular Biology, Graduate</a>	BMB
<a href="#">Cellular Biology and Anatomy, Graduate</a>	ANM
<a href="#">Dental Hygiene, Graduate</a>	ADS
<a href="#">Graduate Education for Health Sciences</a>	EDU
<a href="#">Graduate Endocrinology</a>	END
<a href="#">Graduate Oral Biology</a>	OBMP
<a href="#">Graduate Radiologic Sciences</a>	RAD
<a href="#">Graduate Sciences</a>	SGS
<a href="#">Graduate Statistics</a>	STA
<a href="#">Health Information Management, Graduate</a>	HIM
<a href="#">Medical Illustration</a>	MIL
<a href="#">Medical Microbiology</a>	IMMB
<a href="#">Medical Technology, Graduate</a>	MTCG
<a href="#">Molecular Medicine</a>	MOL
<a href="#">Nursing, Graduate</a>	NSG
<a href="#">Occupational Therapy, Graduate</a>	OTH
<a href="#">Oral Biology, Graduate</a>	OBG
<a href="#">Pharmacology, Graduate</a>	PHM
<a href="#">Physical Therapy, Graduate</a>	GPT
<a href="#">Physical Therapy, MPT Courses</a>	MPT
<a href="#">Physician Assistant, Graduate</a>	PAD
<a href="#">Physiology and Endocrinology, Graduate</a>	P&E
<a href="#">Physiology, Graduate</a>	PHY
<a href="#">Respiratory Therapy, Graduate</a>	RTH

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Please email comments, suggestions or questions to Rita Garner,  
[rgarner@mail.mcg.edu](mailto:rgarner@mail.mcg.edu)

January 15, 2002

**AHS7000. Health Care Administration and Management**

1 - 3 credit hours

*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

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**AHS9010. Research Seminar**

2 credit hours

*Prerequisite: Statistics courses*

Phenomena relevant to allied health investigators are discussed. Emphasis is placed on identifying researchable problems and research strategies.

Grading System: ABCDF

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**AHS9020. Methods of Research**

3 credit hours

*Prerequisite: Statistics courses (one course may be concurrent with AHS9020)*

The systematic examination of the research process and methodologies appropriate to allied health professions. Emphasis is placed upon the interrelationship among the components of the research process. Learning experiences include the critical analysis of research studies and the development of research proposal.

Grading System: ABCDF

---

**AHS9050. Seminar in Allied Health Professions Education 1-0-0-1**

1 - 2 credit hours

*Prerequisite: None*

Through readings, discussion, and student presentations, the unique aspects of professional education will be explored. The contributions to professional education from pedagogy, andragogy, behaviorism, humanism, and other pertinent philosophies will be discussed.

Grading System: ABCDF

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**AHS9100. Research Practicum**

1 - 5 credit hours

*Prerequisite: AHS9020 (may be concurrent)*

Enables students to pursue in depth the area (clinical, laboratory, community) and/or populations relevant to their research interests. Must be approved by the student's major professor prior to registration for the course.

Grading System: ABCDF

---

**AHS9200. Special Project**

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

---

**AHS9210. Investigation of a Problem**

1 - 4 credit hours

*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

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**AHS9300. Thesis**

1 - 4 credit hours

*Prerequisite: Completion of required course work*

research proposal approved by student's committee.

Grading System: Satisfactory/Unsatisfactory

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**BMB7450. Medical Biochemistry**

7 credit hours

*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**

5 credit hours

*Prerequisite: None*

The first course of a two course sequence that covers the chemistry of the constituents of living matter, intermediary metabolism and molecular biology. Topics covered during the course include protein chemistry, enzyme kinetics, lipid chemistry, structure and properties of nucleic acids, and metabolic regulation.

Grading System: ABCDF

---

**BMB8020. Core Biochemistry and Molecular Biology**

5 credit hours

*Prerequisite: None*

The continuation course of a two course sequence covering the chemistry of the constituents of living matter, intermediary metabolism and molecular biology. Topics covered include the metabolism of macromolecules, membrane function, gene structure and the regulation of gene expression.

Grading System: ABCDF

---

**BMB8201. Current Topics and Techniques in Molecular Biology**

credit hours

*Prerequisite: Medical Biochemistry, BMB 8010, BMB 8020*

The continuation course of a two course sequence covering the chemistry of the constituents of living matter, intermediary metabolism and molecular biology. Topics covered include the metabolism of macromolecules, membrane function, gene structure and the regulation of gene expression.

Grading System: ABCDF

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**BMB8260. Introduction to Research in Biochemistry and Molecular Biology**

3 credit hours



*Prerequisite: BMB 8010*

An overview of current techniques in biochemical and molecular biological laboratory investigations and standard laboratory practices.

Grading System: ABCDF

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**BMB8280. Neurochemistry**

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

*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

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**BMB9010. Seminar in Biochemistry and Molecular Biology**

1 credit hours

*Prerequisite: None*

Research presentations by MCG faculty, students and visiting research scientists.

Grading System: Satisfactory/Unsatisfactory

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**BMB9020. Seminar in Biochemistry and Molecular Biology**

1 credit hours

*Prerequisite: None*

Research presentations by MCG faculty, students and visiting research scientists.

Grading System: Satisfactory/Unsatisfactory

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**BMB9210A. Investigation of a Problem**

1 - 12 credit hours

*Prerequisite: Admission in a graduate program*

The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.

Grading System: Satisfactory/Unsatisfactory

---

**BMB9210B. Investigation of a Problem**

1 - 12 credit hours

*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**

1 - 12 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

---

**BMB9300B. Research**

1 - 12 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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**ANM6500. Musculoskeletal Anatomy**

4 credit hours

*Prerequisite: None*

Grading System: ABCDF

**ANM6500X. Musculoskeletal Anatomy**

4 credit hours

*Prerequisite: None*

Grading System: ABCDF

**ANM7010. Human Gross Anatomy**

7 credit hours

*Prerequisite: None*

Study of the Anatomy of the Human Body as applicable to Clinical Practice. Lectures, laboratory and demonstration materials are directed studies.

Grading System: ABCDF

**ANM7030. Neuroanatomy**

3 credit hours

*Prerequisite: Course must be taken with PHY 7030*

A lecture and laboratory course to provide an understanding of the structure, function and dysfunction of the human nervous system. It is taught with PHY 7030 to integrate structure and function. These two courses are taught as ITD-550 for medical students, which includes clinical neurology. ANM 703 and PHY 703 must be taken together.

Grading System: ABCDF

**ANM7040. Graduate Neuroanatomy**

4 credit hours

*Prerequisite:*

An in-depth study of the central and peripheral nervous system as related to functional and clinical neurology. Lectures are based on 18 units of the nervous system as covered in the course textbook. Laboratories consist of the study of the surface anatomy of the brain, spinal cord and peripheral nervous system. Internal structures of the brain and spinal cord are studied in coronal, sagittal and axial sections, as well as x-rays, CT-scans and MRI series. The second half of the laboratory is devoted to special dissections of nuclei, tracts and other internal structures of the brain and spinal cord.

Grading System: ABCDF

**ANM7710. General Immunology**

2 credit hours

*Prerequisite: None*

Introduction to the components of the immune system, control of the immune system, and clinical aspects of host defenses.

Grading System: ABCDF

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**ANM8010. Special Topics in Anatomy**

1 - 4 credit hours

*Prerequisite: None*

Discussion and analysis of current research areas.

Grading System: Satisfactory/Unsatisfactory

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**ANM8020. Introduction To Research**

2 credit hours

*Prerequisite: None*

Discussion and analysis of current research areas

Grading System: ABCDF

---

**ANM8050. Cell Biology and Development**

7 credit hours

*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

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**ANM8080. Retinal Cell Biology**

3 credit hours

*Prerequisite: Core Cell Biology*

Focuses on the retina as a model for research on CNS cellular functional and growth.

Grading System: ABCDF

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**ANM8120. Advanced Topics in Immunology**

3 credit hours

*Prerequisite: General immunology or permission of instructor*

This course gives an in-depth coverage of the components of the immune system

Grading System: ABCDF

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**ANM8150. Molecular and Cellular Virology**

3 credit hours

*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

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**ANM9010. Seminar in Cellular Biology and Anatomy**

1 credit hours

*Prerequisite: None*

Forum for faculty and graduate students to present their research.

Grading System: Satisfactory/Unsatisfactory

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**ANM9210A. Investigation of a Problem**

1 - 12 credit hours

*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

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**ANM9210B. Investigation of a Problem**

1 - 12 credit hours

*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

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**ANM9300. Research**

1 - 12 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

**ANM9300A. Research**

1 - 12 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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**ANM9300B. Research**

1 - 12 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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**ADS8000. Clinical Dental Hygiene**

3 credit hours

*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

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**ADS8030. Dental Hygiene Leadership**

3 credit hours

*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

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**ADS8090. Advanced Clinical Field Experience**

3 credit hours

*Prerequisite: Admission to the program*

Individually designed to provide management and clinical experiences at area hospitals, institutions, or public health agency to fit supervisory and/or clinical interests of the student. The project is co-supervised by an appropriate member of the medical/dental faculty

Grading System: ABCDF

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**ADS9250. Project in Dental Hygiene**

1 - 4 credit hours

*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

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**EDU6210. Group Dynamics**

3 credit hours

*Prerequisite: Admission to School of Graduate Studies*

This course is designed for graduate students to build on their previous academic, personal and professional experience in small group activities. The focus is on the theoretical content of group dynamics. Different types of groups are defined and discussed. The ethical and professional issues of leadership are explored in group work. Students are provided with the opportunity for experiential group processes.

Grading System: ABCDF

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**EDU7000. Curriculum and Instruction in Higher Education**

3 credit hours

*Prerequisite: None*

The purpose of this course is to provide the learner with a foundation regarding curriculum or program development and instructional theory. The learner also is provided with opportunities for role development through learning activities which exemplify roles of a professional educator regarding curriculum and instruction.

Grading System: ABCDF

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**EDU7001. Methods of Evaluation in Higher Education**

3 credit hours

*Prerequisite: EDU7000 (may be concurrent)*

This course focuses on the analysis and construction of instruments appropriate for the evaluation of student classroom and clinical performance. Issues considered include reliability, validity, item analysis, use of scales and other observational tools, setting of performance standards, and assignment of grades. The role of the instructor in student evaluation is discussed throughout the course.

Grading System: ABCDF

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**EDU7003. Teaching Practicum**

1 - 3 credit hours

*Prerequisite: EDU7000, EDU7001, EDU7006 (may be concurrent)*

Develops the student's teaching skills in classroom and clinical setting. The overall goal is to enhance the impact the graduate student has on his/her students in attitudes, skills and content knowledge. The student is expected to use content from previous courses such as: curriculum development and measurement and evaluation.

Grading System: ABCDF

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**EDU7005. The Adult As a Learner**

3 credit hours

*Prerequisite: None*

Assists health care practitioners in applying the body of knowledge related to adult learning to settings in which they will be teaching and practicing. Helps students analyze theories of adult learning, learning needs, goals, strategies and evaluation plans suitable for the adult learner.

Grading System: ABCDF

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**EDU7006. Instructional Processes**

3 credit hours

*Prerequisite: EDU7000*

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

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**EDU7020. Health Informatics and Utilization of Electronic**

5 credit hours

**T**

*Prerequisite: Admission to the School of Graduate Studies*

Access to WWW

Grading System: ABCDF

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**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.

Grading System: ABCDF

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**END8130. Mechanism of Steroid Hormone Action**

4 credit hours

*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

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**END8140. Endocrinology of Polypeptide Hormones**

2 credit hours

*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

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**END8150. Biochemistry of Steroid Hormones**

3 credit hours

*Prerequisite: None*

The course covers nomenclature, biosynthesis, secretion, metabolism and actions of steroid hormones.

Grading System: ABCDF

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**END8160. Polypeptide-hormone Receptor Interactions**

3 credit hours

*Prerequisite: None*

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

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**END8170. Reproductive Physiology**

2 credit hours

*Prerequisite: None*

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

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**END8200. Hormonal Regulation of Cellular Function**

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

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**END8210. Neuroendocrinology**

3 credit hours

*Prerequisite: None*

A study of how the neural system and endocrine system interact to control the major functions of the body.

Grading System:  
ABCDF

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**END8260. Analysis of Protein-ligand Interactions**

3 credit hours

*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

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**END9210A. Investigation of a Problem**

1 - 12 credit hours

*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

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**END9210B. Investigation of a Problem**

1 - 12 credit hours

*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**

1 - 12 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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**END9300B. Research**

1 - 12 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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**OBMP7220. Applied Pathology**

5 credit hours

*Prerequisite: None*Grading System: ABCDF

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**OBMP8001. Topics in Oral Biology I**

2 credit hours

*Prerequisite: D.M.D., D.D.S., or equivalent; 2 years dental school for combined programs.*

This course is composed of three blocks. The first block addresses hard tissue biology in which the anatomy, physiology, and biochemistry of bone and teeth are emphasized. The second block is devoted to temporomandibular joint disorders, and emphasizes the fundamental basic science that is essential in understanding the clinical problems related to the temporomandibular joint. The third block is regeneration/repair of orofacial tissues and emphasizes growth and differentiation of hard and soft tissues and the biochemical basis of wound healing.

Grading System: ABCDF

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**OBMP8002. Topics in Oral Biology 2**

2 credit hours

*Prerequisite: D.M.D., D.D.S., or equivalent; 2 yrs dental school for combined programs.*

The course is composed of two blocks. The first block is hemostasis and bleeding disorders which deals with fundamental concepts in the biochemistry, anatomy and physiology of the hemostatic response and bleeding disorders. The second block is orofacial infections in which the types of orofacial infections along with the causative agents, the role of lymphatic and other anatomic structures in the spread of infection, host defense mechanisms and anti-microbial therapies are presented.

Grading System: ABCDF

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**OBMP8003. Topics in Oral Biology 3**

2 credit hours

*Prerequisite: D.M.D., D.D.S., or equivalent; 2 yrs. dental school for combined programs.*

The course is composed of three major blocks. The first block is a series of lectures on pain and anxiety management in dentistry. The second block addresses the dental management of the medically complex patient. The third block covers salivary gland function in health and disease.

Grading System: ABCDF

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**OBMP8004. Topics in Oral Biology 4**

2 credit hours

*Prerequisite: None*

The course is composed of two blocks. The first block is a series of lectures related to molecular pathology. The second block emphasizes genetics as it relates to orofacial anomalies and defects. This course is a multidisciplinary approach to these topics.

Grading System: ABCDF

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**OBMP8100. Special Topics in Oral Biology**

2 credit hours

*Prerequisite: None*

This course introduces the Master of Science graduate student to basic statistical concepts. In addition, selected computer software is used by the student to perform statistical analyses.

Grading System: ABCDF

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**OBMP8540. Advanced Oral Pathology**

2 credit hours

*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

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**OBMP8640. Research  
Proposal Development**

2 credit hours

*Prerequisite: None*

This course presents the entering oral biology graduate students with the range of opportunities available on campus (facilities, faculty, and instrumentation/techniques) to them to pursue for the purposes of fulfilling their Master's or Doctoral research requirements. Additional topics to be covered include fundamentals of computer literacy required to develop, present, and perform an acceptable, graduate-level research project: word processing, spreadsheet software, computer presentation programs, and reference management. Also, the student will be presented with facilities to perform on-line data searching. A series of short presentations concerning frequently utilized statistical methods will be presented. The student will also be introduced to the basics of structure, organizations, and format of an acceptable research proposal and manuscript.

Grading System: Satisfactory/Unsatisfactory

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**OBMP9010. Seminar in  
Oral Biology**

1 credit hours

*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

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**OBMP9020. Graduate Oral  
Biology Seminar**

1 credit hours

*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

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**OBMP9020. Graduate Oral  
Biology Seminar**

1 credit hours

*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

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**OBMP9210. 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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**OBMP9210A. 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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**OBMP9300A. Research**

1 - 12 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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**OBMP9300B. Research**

1 - 12 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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## **RAD6401. Clinical Imaging Correlation**

4 credit hours

*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

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## **RAD6403. Overview of Sonograph Services**

3 credit hours

*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

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## **RAD7501. Research Techniques in Diagnostic Imaging**

2 - 4 credit hours

*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

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## **RAD9250. Applied Project in Diagnostic Imaging**

1 - 4 credit hours

*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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**SGS8010. Scientific Communication and Research**

2 credit hours

*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

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**SGS8011. Responsible Conduct of Research**

1 credit hours

*Prerequisite: Acceptance into the School of Graduate Studies*

This course will provide an overview, via lecture and discussion, of critical issues related to the responsible conduct of research. In addition, it will fulfill the requirements established by the Office of Research Integrity and the Public Health Service for ensuring that PHS-supported researchers are provided adequate instruction in conducting responsible research and ensuring integrity of the research record.

Grading System: ABCDF

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**SGS8012. Scientific Communications**

1 credit hours

*Prerequisite: Acceptance into the School of Graduate Studies*

This course focuses on writing and presentations skills needed for a career in biomedical sciences. It provides basic instruction in writing abstracts, curriculum vitae, and grant applications as well as how to organize and give oral scientific presentations. Also covered are basic aspects related to teaching skills needed in the biomedical classroom and laboratory.

Grading System: Satisfactory/Unsatisfactory

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**SGS8020. Functional Cell Biology**

12 credit hours

*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.

Grading System: ABCDF

**SGS8022. Molecular Cell Biology**

5 credit hours

*Prerequisite: Acceptance into the School of Graduate Studies*

This course focuses on the study of the cell as the fundamental structural and functional unit of which all living organisms are constructed. Cell biology serves as a bridge between molecular biology, basic biochemistry, physiology, and morphology at the gross anatomical level and is increasingly a principle area of focus for biomedical research. In this course, the properties of cells are analyzed initially by viewing the structural organization, functional interactions, and biogenesis of cellular components with particular emphasis on understanding of processes involved in regulating the specific composition and interactions of cellular organelles. This forms a basis for the subsequent consideration of cell-cell interactions at the cellular and the tissue level. One semester course includes classroom time includes lectures discussion, and demonstrations using traditional and alternative teaching methods.

Grading System: ABCDF

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**SGS8030. Functional Systems Biology**

12 credit hours

*Prerequisite: SGS 8020*

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. 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

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**SGS8031. Integrative Systems Biology**

5 credit hours

*Prerequisite: Acceptance into the School of Graduate Studies*

Part of a multi-course multidisciplinary sequence covering structural and functional fundamentals of systems biology. The course covers integrated systems related to developmental biology, neuroscience, immunology and microbiology. 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, discussions groups and demonstrations using traditional and alternative teaching methods.

**SGS8032. Essentials in Physiology & Pharmacology**

5 credit hours

*Prerequisite: Acceptance into the School of Graduate Studies*

One semester course includes basic anatomy, physiology and pharmacology of all the organ systems. Special topics also covered include integrated biosystems and feedback, physiological genomics, modern drug discovery, and hot research topics. Classroom time includes lectures discussion, and demonstrations using traditional and alternative teaching methods.

Grading System: ABCDF

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**SGS8040. Introduction to Faculty Research**

2 credit hours

*Prerequisite: Acceptance into the School of Graduate Studies Ph.D. program*

An introduction to all of the research topics currently being conducted by biomedical Sciences graduate faculty.

Grading System: Satisfactory/Unsatisfactory

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**SGS8050. Introduction to Research I**

2 credit hours

*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

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**SGS8060. Introduction to Research II**

4 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

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**SGS8110. Physiomics and Pharmacogenomics**

3 credit hours

*Prerequisite: Biomedical Sciences first-year core courses*

Physiomics is the study of the complex pathways linking function with gene products. Advances in genetic mapping and sequencing have given rise to the next great challenge and opportunity for physiology: to link genes and complex pathways to physiology and disease. Pharmacogenomics, in turn, holds the promise that drugs might be adapted to each person's own genetic makeup, and that genetic control can be a means of treating disease. This course will serve as a mechanism, to introduce students to these rapidly changing fields. Importantly, the course will highlight functional complexities due to gene interactions with the environment (nutrition,, aging, gender exercise, disease). Experimental aspects of scientific information will be emphasized.

Grading System:  
ABCDF

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**SGS8120. Cardiovascular Physiology and Pharmacology**

3 credit hours

*Prerequisite: Biomedical Sciences first-year core courses.*

Integrative study of the cardiovascular system and how drugs are used to treat cardiovascular disease. Cardiac, vascular and renal physiology will be studied in detail, and also will be integrated into an overall scheme for control of the circulation. The use of drugs as cardiovascular research tools also will be interwoven into this approach.

Grading System: ABCDF

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**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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**STA6800. Research Statistics I**

3 credit hours

*Prerequisite: College algebra*

Principles of statistical models, descriptive statistics, probability distributions, theory of estimation and hypothesis testing, simple linear regression, computerized data analysis.

Grading System: ABCDF

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**STA6810. Research Statistics II**

3 credit hours

*Prerequisite: STA6800 or equivalent*

Analysis of variance, non-parametric statistical methods, survival analysis, multiple linear regression, regression diagnostics

Grading System: ABCDF

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**STA6820. Advanced Research Statistics I**

3 credit hours

*Prerequisite: STA6810*

Multiple regression, correlation, curve fitting, multiple regression prediction models, analysis of variance and covariance, reliability

Grading System: ABCDF

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**STA6830. Advanced Research Statistics II**

3 credit hours

*Prerequisite: STA6820*

Introduction to multivariate analysis

Grading System: ABCDF

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**HIM7020. Program/department Development**

3 credit hours

*Prerequisite: None*

Analysis of various theories regarding planning hierarchies

Grading System: ABCDF

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**HIM7050. Advanced Theory/change in Health Information Management**

3 credit hours

*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

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**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

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**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

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**HIM9210. Applied Problem in Health Information Management**

1 - 4 credit hours

*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

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**HIM9300. Thesis**

1 - 4 credit hours

*Prerequisite: None*

Application of the formal research process in conducting a study in health information management.

Grading System: Satisfactory/Unsatisfactory

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**MIL6650. Medical Illustration Techniques Ia**

3 credit hours

*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

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**MIL6651. Medical Illustration Techniques I B**

3 credit hours

*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

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**MIL6658. Tri-Dimensional Techniques**

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

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**MIL6670. Electronic Media I**

3 credit hours

*Prerequisite: Admission to the Graduate Program*

Introduction to the terminology, concepts, and techniques of computer graphics, with emphasis on the software currently used in the field of Medical Illustration for two-dimensional images. Course will also cover current storage and output considerations.

Grading System: ABCDF

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**MIL6671. Electronic Media II**

3 credit hours

*Prerequisite: Electronic Media I*

Advanced concepts and techniques of computer graphics, with emphasis on the software currently used in the field of medical illustration for two-dimensional, as well as three-dimensional images.

Grading System: ABCDF

**MIL6780. Surgical Techniques**

2 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

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**MIL7650. Surgical Observation and Sketching I**

3 credit hours

*Prerequisite: MIL 6650, 6651, and 6780.*

The observation and sketching of surgical procedures in the operating rooms and related visual references in the clinics and laboratories of the medical center. The sketches are used as reference material for illustrations accomplished in MIL 7660, 7661, and 9210.

Grading System: ABCDF

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**MIL7651. Surgical Observation and Sketching II**

2 credit hours

*Prerequisite: MIL 7650*

The observation and sketching of surgical procedures in the operating rooms and related visual references in the clinics and laboratories of the medical center. The sketches are used as reference material for illustrations accomplished in MIL 7660, 7661, and 9210.

Grading System: ABCDF

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**MIL7660. Medical Illustration Techniques I I A**

3 credit hours

*Prerequisite: MIL 6651*

A studio experience in which the student utilizes a variety of art media and techniques in preparing medical illustrations that meet stated objectives. Emphasis is on application of techniques to practical assignments and on problem-solving.

Grading System: ABCDF

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**MIL7661. Medical Illustration Techniques II B**

3 credit hours

*Prerequisite: MIL 7660*

A studio experience in which the student utilizes a variety of art media and techniques in preparing medical illustrations that meet stated objectives. Emphasis is on application of techniques to practical assignments and on problem-solving.

Grading System: ABCDF

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**MIL7670. Multimedia I**

3 credit hours

*Prerequisite: Admission to the Graduate Program*

Introduction to the terminology, concepts and techniques of animated computer graphics, with emphasis on the software currently used in the field of medical illustration for animation and interactive title construction. Course will also cover script writing, story boarding, interface design and output considerations.

Grading System: ABCDF

**MIL7671. Multimedia II**

3 credit hours

*Prerequisite: MIL 7670*

Advanced concepts and techniques of computer animation and internet graphics, with emphasis on production of a interactive title.

Grading System: ABCDF

**MIL8020. Learning Resource Management**

2 credit hours

*Prerequisite: Permission of instructor.*

An overview of current instructional technology with emphasis on audiovisual resources. Management procedures and business practices for institutional and self-employment illustrators are covered. Issues related to ethics, copyright, contracts and negotiation are explored.

Grading System: ABCDF

**MIL9210. Investigation of a Problem**

2 credit hours

*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**

1 - 4 credit hours

*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

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## **IMMB8110. Medical Microbiology**

7 credit hours

*Prerequisite: None*

This course combines principles of Immunology, Medical Microbiology and Infectious Diseases.

Grading System: ABCDF

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**MTCG8140. Flow Cytometry**

4 credit hours

*Prerequisite: Statistics, research methods, immunology, hematology, MT certification, graduate status*

This course covers an introduction to instrumentation, principles, and clinical and research applications. The student receives basic instruction in all phases of specimen preparation, quality control procedures, reagents, and troubleshooting. Additionally, the student will be introduced to data interpretation, statistics, DNA and phenotype marker technique.

Grading System: ABCDF

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**MTCG8340. Laboratory Administration**

2 credit hours

*Prerequisite: None*

This course provides a review of management concepts and terminology, and the opportunity to identify and address a clinical laboratory management problem. Management techniques are used to develop an appropriate method or device to be used in solving the problem. Written communication skills are stressed.

Grading System: ABCDF

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**MTCG8440. Clinical Microbiology**

4 credit hours

*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

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**MTCG8540. Clinical Immunology**

4 credit hours

*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

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**MTCG8640. Clinical Chemistry**

4 credit hours

*Prerequisite: Admitted to graduate school, or permission of the instructor*

Advanced theory and principles of biochemical analysis and its application in diagnosing, treating, monitoring and preventing a disease. The course includes lecture, hospital clinical chemistry laboratory experience and completion of a research project.

Grading System: ABCDF

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**MTCG8740. Clinical Immunohematology**

4 credit hours

*Prerequisite: Statistics, research methods, immunology strongly suggested.*

The course provides the graduate student with the opportunity to study and develop advanced blood banking skills through research and teaching.

Grading System:  
ABCDF

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**MTCG8840. Clinical Hematology**

4 credit hours

*Prerequisite: Biochemistry, admission into graduate program, previous study of hematology, or permission of instructor*

in conjunction with MTCP Basic Hematology and Fluid Analysis, and MTCC4840 Advanced Hematology.

Grading System: ABCDF

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**MTCG9210. Investigation of a Problem**

1 - 3 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

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**MOL8010. Research Tools in Molecular Medicine I**

1 - 6 credit hours

*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

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**MOL8020. Research Tools in Molecular Medicine II**

1 - 12 credit hours

*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

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**MOL8030. Biological Signaling**

3 credit hours

*Prerequisite: SGS 8020-8030 or consent of instructor*

Strategies of communication at various levels of biological organization. Covers intracellular communication, communication between cells in multicellular organisms, and interactions between organisms in a group or ecosystem. Focuses on emergent properties of complex systems.

Grading System: ABCDF

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**MOL8040. Molecular Medicine**

3 credit hours

*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

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**MOL8050. Advanced Topics in Gene Regulation and Cancer Genetics**

3 credit hours

*Prerequisite: Completion of 1st year biomedical sciences graduate core curriculum*

This course will cover current topics in gene regulation by transcriptional and post-transcriptional mechanisms, genome instability, and cancer genetics and epigenetics. The course will guide students to gaining a critical understanding to the current literature and how to make a scientific presentation.

Grading System: ABCDF

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**MOL8050. Advanced Topics in Gene Regulation and Cancer Genetics**

3 credit hours

*Prerequisite: SGS8020 and SGS8030*

This course will cover current topics in gene regulation by transcriptional and post-transcriptional mechanisms, genome instability, and cancer genetics and epigenetics. The course will guide students to gaining a critical understanding of the current literature and how to make a scientific presentation.

Grading System: ABCDF

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**MOL8110. Advanced Topics in Neurobiology**

3 credit hours

*Prerequisite: Completion of 1st year biomedical sciences graduate core curriculum, and be in good standing in one of the biomedical sciences Ph.D. programs. Total class enrollment will be limited to 10 students and preference will be given to students in a neurobiologically oriented graduate program.*

This course will cover current topics in neurobiology including developmental neurobiology, intracellular and intercellular communication, neurodegeneration and other diseases of the nervous system.. The course will emphasize and understanding of the neurochemical and molecular mechanisms under normal condition and leading to dysfunction. The course will focus on developing a critical understanding of the current scientific literature in neurobiology and preparing the students for careers in nerobiological research.

Grading System: ABCDF

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**MOL8120. Advanced topics in Developmental Biology**

3 credit hours

*Prerequisite: Completion of 1st year biomedical sciences graduate core curriculum, and be in good standing in one of the biomedical sciences Ph.D. programs. Total class enrollment will be limited to 10 students and preference will be given to students in the Molecular Medicine Graduate Program.*

This course will cover current topics in developmental biology including fertilization, early embryology, sex determination, body axis formation, morphogenesis, organogenesis and stem cell biology. This course will emphasize an understanding of the molecular mechanisms of development and will focus on gaining a critical understanding of the current scientific literature in developmental biology.

Grading System: ABCDF

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**MOL8130. Advanced Topics in Molecular and Cellular Immunology**

3 credit hours

*Prerequisite: Completion of 1st year biomedical sciences graduate core curriculum. Also open to medical students with interests in basic immunology.*

This course will cover current topics in immunology including tolerance, thymocytes development, lymphocyte activation, immunological memory, cell adhesion and cell cycle control. The course will emphasize an understanding of the molecular mechanisms of immune responses and will focus on gaining a critical understanding of the current scientific literature in immunology.

Grading System: ABCDF

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**MOL9010. Advanced Seminar in Molecular Medicine**

1 credit hours

*Prerequisite: SGS 8020-8040, or consent of instructor*

Seminar-style course covers a single, current topic in Molecular Medicine

Grading System: ABCDF

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**MOL9210. Investigation of a Problem**

1 - 12 credit hours

*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

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**MOL9300. Research**

1 - 12 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.

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**NSG6070. Clinical Management of the High Risk Neonate II**

6 credit hours

*Prerequisite: Pathophysiology for Advanced Practice Nurses, NUR7390; Pharmacology for Advanced Practice Nurses, NUR7430*

Grading System: ABCDF

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**NSG6210. Group Dynamics**

3 credit hours

*Prerequisite: None*

This course is designed for graduate students to build on their previous academic, personal and professional experience in small group activities. The focus is on the theoretical content of group dynamics. Different types of groups are defined and discussed. The ethical and professional issues of leadership are explored in group work. Students are provided with the opportunity for experiential group processes.

Grading System: ABCDF

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**NSG6730. Introduction To Anesthesia Nursing**

2 credit hours

*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

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**NSG6740. Anatomy and Physiology in Nurse Anesthetists**

3 credit hours

*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

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**NSG6750. Chemistry, Physics and Biochemistry in Nurse Anesthesia**

3 credit hours

*Prerequisite: Admission to Nursing Anesthesia Program*

Provides registered nurses with the basis for understanding the physiologic and pharmacologic principles underlying the practice of anesthesia nursing. Emphasizes concepts of chemistry, physics and biochemistry which are applicable to the clinical practice of anesthesia nursing.

Grading System: ABCDF

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**NSG6760. Pharmacology of Anesthetic Agents**

2 credit hours

*Prerequisite: Admission to the Nursing Anesthesia Program*

In-depth exploration of the pharmacologic properties, indications, contraindications, and interactions of drugs used in the practice of anesthesia nursing. Topics include: inhalation anesthetics, local anesthetics, narcotics, sedatives, anxiolytics, and neuromuscular blockers.

Grading System: ABCDF

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**NSG6770. Cardiopulmonary Physiology and Pharmacology**

2 credit hours

*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

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**NSG6780. Principles of Nursing Anesthesia II**

4 credit hours

*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

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**NSG6790. Principles of Anesthesia Practice I**

5 credit hours

*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

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**NSG6800. Principles of Anesthesia Practice III**

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

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**NSG6810. Technology and Techniques of Nursing Anesthesia**

2 credit hours

*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

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**NSG6820. Professional Aspects of Nursing Anesthesia**

2 credit hours

*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

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**NSG6830. Perspectives On Rural Anesthesia Care**

2 credit hours

*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

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**NSG6840. Nurse Anesthesia Clinical Practicum**

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

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**NSG6850. Nurse Anesthesia Specialty Practicum**

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 anesthesia techniques specific to cardiovascular, thoracic, and neuroanesthesia and for obstetric, pediatric and critically ill populations.

Grading System: ABCDF

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**NSG6860. Nurse Anesthesia Rural Practicum**

4 credit hours

*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

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**NSG6880. Family Nurse Practitioner I: Health Promotion and Problems of Adults and their Families**

6 credit hours

*Prerequisite: Masters Core; co-requisite: NSG7430 Pharmacology for Advanced Practice Nursing*

Prepares family nurse practitioners to assume responsibility for health promotion, disease prevention, early detection and management of common acute and chronic health problems of adults and their families in primary health care settings. Emphasizes description of the condition or disease, etiology and incidence, clinical findings, differential diagnosis, management, complications and preventive and patient education measures. Considers cultural and ethical issues that affect health care delivery and client adherence to management plan. Uses established protocols for practice to indicate the need for consultation, referral and community resources.

Grading System: ABCDF

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**NSG6890. Family Nurse Practitioner II: Health Promotion and Problems of the Elderly and their Families**

5 credit hours

*Prerequisite: Masters Core (all 5 courses); NSG6880 FNPI*

Prepares family nurse practitioners to assume responsibility for health promotion, disease prevention, early detection and management of common acute and chronic health problems of the elderly client and his family. Nurse practitioner's role in promoting successful aging, maintaining function and promoting self-care, using community, personal and family resources. Emphasizes common geriatric syndromes and problems including chronic illnesses and their management. Ethical dilemmas that impact health care of older adults are integrated throughout course.

Grading System: ABCDF

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**NSG6900. Family Nurse Practitioner III: Health Promotion of Children and their Families**

6 credit hours

*Prerequisite: Masters Core; All 5 courses; NSG 6880*

Prepares family nurse practitioners to assume responsibility for health promotion, maintenance and management of common acute and chronic health problems of infants, children and adolescents in primary health care settings. Emphasizes description of the condition or disease, etiology and incidence, clinical findings, differential diagnosis, management, complications and preventive and patient education measures. Considers cultural and ethical issues that affect health care delivery and client adherence to management plan. Uses established protocols for practice to indicate the need for consultation, referral and community resources.

Grading System: ABCDF

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**NSG6910. Synthesis of concepts in Nursing Anesthesia Practice I**

3 credit hours

*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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**NSG6920. Management of Children with Acute and Common Health Problems**

6 credit hours

*Prerequisite: MN Core; Health Promotion and Supervision: Birth Through Adolescence*

Prepares pediatric nurse practitioners to assess, diagnose and manage acute and common health problems of children from birth through adolescence. Emphasizes P. N. P.'s in patient management, family involvement, health promotion and teaching and continuing collaboration with other health professionals. Includes 135 hours of supervised clinical practice related to acute and common problems of children.

Grading System: ABCDF

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**NSG6930. Management of Children with Chronic Health Problem**

5 credit hours

*Prerequisite: MN Core, Health Promotion and Supervision: Birth through Adolescence; NSG6920: Management of Children with Acute and Common Health Problems.*

Data to enhance the direct care and management of children from birth to adolescence experiencing chronic health problems. Emphasizes P.N.P.'s role regarding management, family involvement, health promotion and teaching, health maintenance and continued collaboration with health professionals. Includes 135 hours of supervised clinical practices.

Grading System: ABCDF

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**NSG6940. Assessment and Management of the Fetus/infant**

5 credit hours

*Prerequisite: Completion/or concurrent study, of 5 Graduate Core Courses*

First in a sequence of advanced practice courses provides concepts and techniques for assessment of the normal and at risk fetus/infant fetus/neonate. The role of the Neonatal Nurse Practitioner in perinatal/neonatal settings is incorporated via 90 hours of supervised clinical practice.

**NSG6950. Synthesis of Concepts in Nursing  
Anesthesia Practice II**

2 credit hours

*Prerequisite: Admission to CRNA-MN program or permission of instructor*

The course presents an opportunity to integrate the hallmarks of advanced practice nursing with the practice of nurse anesthesia. During the course, students will explore clinical and non-clinical roles for nurse anesthetists and use their personal professional experiences to demonstrate role synthesis.

Grading System: ABCDF

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**NSG6960. Health Promotion and Supervision: From  
Birth to Adolescence**

4 credit hours

*Prerequisite: None*

This course is designed to prepare pediatric and family nurse practitioners to provide primary health care services to infants, children and adolescents in the context of their families, communities and society. Emphasis is placed on providing health maintenance, health promotion, disease prevention and health restoration services as a member of a health care team. Interprofessional collaboration and referral are integrated throughout the course. Ninety hours of supervised clinical practice are included.

Grading System: ABCDF

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**NSG6970. Growth and Development Across the  
Lifespan**

2 credit hours

*Prerequisite: None*

This course is designed to prepare advanced practice nurses to describe and analyze the cognitive and socioemotional development of individuals from birth to death. The analysis of interactions between individuals at different stages of development in families, groups and society will be emphasized.

Grading System: ABCDF

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**NSG6980. Nursing Practition Practicum**

6 credit hours

*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

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**NSG7020. Health Informatics and Utilization of Electronic Technologies**

3 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

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**NSG7030. Health Care Delivery Systems and Models**

2 credit hours

*Prerequisite: Admission to the School of Graduate Studies*

Course provides the basis for understanding the evolving health care system and nursing's role within the system. Sociopolitical, economic, technological, and legal/ethical concerns impacting the delivery of health care in United States are emphasized.

Grading System: ABCDF

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**NSG7040. Mental Health Assessment, Brief Intervention and R**

2 credit hours

*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

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**NSG7050. Social and Environmental Health**

3 credit hours

*Prerequisite: Admission to the School of Graduate Studies*

This course focuses on the health of communities and aggregates in relation to social and environmental issues. The involvement and role of community health nurses in relevant social and ethical issues affecting communities and aggregates; and nursing roles in addressing environmental health problems will be emphasized.

Grading System: ABCDF

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**NSG7060. Issues in Women's Health Care**

3 credit hours

*Prerequisite: None*

This course focuses on contemporary issues in women's health care. Societal and political forces as they impact women and health care for women will be explored. Avenues toward advocacy in practice with women will be emphasized.

Grading System: ABCDF

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**NSG7160. Foundations of Advanced Mental Health-  
Psychiatric Nursing**

3 credit hours

*Prerequisite: Admission to the School of Graduate Studies and course in Theory/Research*

An eclectic orientation to mental health promotion and advanced psychiatric nursing is presented. Major emphasis is placed on theories of causation of mental disorders. Psychiatric and nursing diagnoses are stressed. Socio-cultural, ethic, and economic factors are integrated throughout the course

Grading System: ABCDF

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**NSG7180. Mental Health Psychiatric Nursing  
and the Individual Client**

6 credit hours

*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

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**NSG7310. Group Approaches in Mental Health/Psychiatric Nursing**

4 credit hours

*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

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**NSG7330. Family Approaches in Mental Health Psychiatric Nursing**

3 credit hours

*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

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**NSG7350. Psychopharmacology in Advanced Practice in Mental**

4 credit hours

*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

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**NSG7390. Pathophysiology in Advanced Practice  
Nurses**

3 credit hours

*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

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**NSG7430. Pharmacology in Advanced Practice  
Nursing**

3 credit hours

*Prerequisite: NSG7390: Pathophysiology for Advanced Practice Nursing or permission of instructor*

Course focuses on increasing the knowledge base of advanced practice nurses in pharmacology and pharmacotherapeutics. Emphasis is on the pharmacotherapeutics for common acute and chronic health problems using prototype drugs within specific drug classifications. Case studies of pathophysiological disorders are discussed, along with the pharmacologic management.

Grading System: ABCDF

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**NSG7430. Pharmacology in Advanced Practice  
Nursing**

3 credit hours

*Prerequisite: NSG7390: Pathophysiology for Advanced Practice Nursing or permission of instructor*

Course focuses on increasing the knowledge base of advanced practice nurses in pharmacology and pharmacotherapeutics. Emphasis is on the pharmacotherapeutics for common acute and chronic health problems using prototype drugs within specific drug classifications. Case studies of pathophysiological disorders are discussed, along with the pharmacologic management.

Grading System: ABCDF

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**NSG7440. Theory and Research in Advanced Nursing Practice**

3 credit hours

*Prerequisite: Basic Statistics and Graduate Status*

Course examines theoretical foundations of nursing and use of research findings in advanced nursing practice. Concepts, theories and models related to health of individuals and families are critically analyzed. Development of a scientific base for advanced nursing practice is emphasized.

Grading System: ABCDF

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**NSG7470. Advanced Health Assessment**

2 credit hours

*Prerequisite: Graduate Standing; Undergraduate health assessment course*

This course in health assessment expands the nurse's knowledge of cognitive processes and psychomotor skills needed for comprehensive assessment of clients across the lifespan. Techniques and processes of performing a physical, mental, developmental, and nutritional assessment, obtaining a health history, performing selected diagnostic procedures, and recording findings will be conducted. Interviewing skills that enable the nurse to relate to various clients across the life span will be refined.

Grading System: ABCDF

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**NSG7480. Special Topics in Advanced Mental Health-Psychiatric Nursing Clinical Practice**

1 - 3 credit hours

*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

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**NSG7490. Advanced Practice in Mental Health/Psychiatric Nursing**

4 credit hours

*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

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**NSG7500. Health Crises in Parent-Child Nursing**

4 credit hours

*Prerequisite: Completion of NUR 7530*

The major focus of this third course in the series for Advance Practice Parent-Child Nursing is the development of knowledge and strategies to help families deal with pediatric and perinatal crises. Clinical practice (90 clock hours) takes place in primary, secondary and/or tertiary health care settings. Precepted clinical learning will focus on a student-selected population whenever possible.

Grading System: ABCDF

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**NSG7510. Health Promotion in Parent-Child Nursing**

4 credit hours

*Prerequisite: Completion of NUR 7390, 7440, 7470*

This is the first of a series of courses in Advanced Practice Parent-Child Nursing. The course focuses on developing advanced principles of individual and family health and wellness promotion and risk management. The Advanced Practice Nurse's (APN's) role in complex assessments and child/family advocacy is emphasized. Clinical practice (90 clock hours) takes place in sites reflecting student clinical focus and course-individual practice objectives.

Grading System: ABCDF

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**NSG7520. Advanced Practice in Parent-Child Nursing**

6 credit hours

*Prerequisite: Completion of NUR 7500*

The purpose of this last course in the series for Advanced Practice Parent-Child Nursing is to provide a concentrated clinical experience (225 clock hours). Students refine advanced practice skills in clinical decision making, expert-collaborative care, case management, change agency, research utilization, and/or educational interventions. Seminars will be scheduled to discuss issues related to advanced practice.

Grading System: ABCDF

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**NSG7530. Health Concerns in Parent-Child Nursing**

4 credit hours

*Prerequisite: Completion of NUR 7510, 7430*

The major focus of this second course in the series for Advanced Practice Parent-Child Nursing is the APN role in assisting families to achieve normalization while dealing with common health concerns. Clinical practice (90 clock hours) takes place in the home, ambulatory/acute /long-term care facilities and/or appropriate community agencies. Precepted clinical learning experiences are focused on student-selected population whenever possible.

Grading System: ABCDF

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**NSG7580. Community Assessment and Program Planning**

5 credit hours

*Prerequisite: Admission to School of Graduate Studies*

This course focuses on the assessment of communities and/or aggregates with subsequent program planning based on findings of assessment.

Grading System: ABCDF

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**NSG7650. Health Care Policy**

3 credit hours

*Prerequisite: Admission to the School of Graduate Studies*

The purpose of this course is to introduce the learner to health care systems as they have evolved in America and will need to evolve to meet future health needs of the American public. This understanding will form the basis on which the learner will develop future roles as a nurse executive within health care systems

Grading System: ABCDF

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**NSG7660. Administrative/organizational Theories**

3 credit hours

*Prerequisite: All 5 Core Courses or permission of instructor*

The focus of this course will be on theories of organizations, organizational behavior, administration and management which can be used as the basis for understanding their current and potential applications in the health care system. More specifically the student will examine ways in which these theories can be operationalized in the provision of nursing services in the health care system.

Grading System:  
ABCDF

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**NSG7680. Nursing Administration Practicum 1** 6 credit hours

*Prerequisite: Core Courses, Finance, or taken concurrently with Finance*

The purpose of this course is to introduce the student to the roles, functions, strategies, and techniques used for leading, managing and administering nursing services in a variety of settings, and to begin developing skills for functioning in these roles.

Grading System: ABCDF

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**NSG7690. Nursing Administration Practicum 2** 8 credit hours

*Prerequisite: All masters core courses and Practicum I*

The purpose of this practicum is to enable the student to develop competencies as nursing administrators in health care agencies.

Grading System: ABCDF

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**NSG7710. Culture and Health** 2 credit hours

*Prerequisite: Admission to Graduate Studies*

Study of cultural and ethnic differences which affect health and utilization of health care services. Selected concepts will be analyzed across cultures. Cultural variables influencing health and delivery of health care services will be studied and strategies for improving health care will be planned.

Grading System: ABCDF

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**NSG7730. Epidemiology and Biostatistics** 4 credit hours

*Prerequisite: Admission to the School of Graduate Studies*

The purpose of this course is to provide the student with an opportunity to develop in depth knowledge of the concepts, principles, study designs, methods and statistics of epidemiology and biostatistics. Focus will be the application of epidemiological and biostatistical principles to disease prevention and health promotion in population groups, and the critical evaluation of epidemiological studies. Laboratory experiences to assist students integrate biostatistical data with selected epidemiological concepts and investigations are included.

Grading System: ABCDF

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**NSG7830. Foundations of Advanced Nursing Practice** 2 credit hours

*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

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**NSG7860A. Leadership in Community-Based Settings**

5 credit hours

*Prerequisite: None*

The purpose of this course is to provide the student with in-depth knowledge of theories of leadership in community nursing and public health. The focus will be on applying this knowledge for health and nursing care in the community. The student will also have the opportunity to explore issues impacting public/community health, funding sources, and grantsmanship to support community based programs.

Grading System: ABCDF

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**NSG7870. Practice in Community Health Nursing**

5 credit hours

*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

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**NSG7910. Financial Management of Health Care Institutions**

3 credit hours

*Prerequisite: Admission to Graduate School*

Concepts related to the economics and financial management of the American health care system are introduced. The knowledge and skills prerequisite to effective participation in health institutions financial planning and analysis are developed.

Grading System: ABCDF

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**NSG7920. Complex Health Problems of Adults**

4 credit hours

*Prerequisite: Masters Core, NSG7430: Pharmacology and Foundations of Advanced Nursing Practice may be taken concurrently.*

This course is designed to enable students to provide research based advanced nursing practice to young, middle, and older adult populations with common complex health problems. Emphasis will be placed on complex clinical analysis to develop and monitor comprehensive, holistic plans of care/critical paths that address the health promotion, disease prevention and health restoration needs of this population. Students have opportunities in a variety of settings for variance analysis to mobilize the health care system.

Grading System: ABCDF

### **NSG7930. Adult Nursing Clinical Nurse Specialist Residency**

6 credit hours

*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**

4 credit hours

*Prerequisite: NSG7920: Complex Health Problems of Adults and NSG7830: Foundations of Advanced Nursing Practice*

This course is designed to enable students to acquire in-depth knowledge and skills related to a specific adult nursing specialty area. This specialty area is mutually selected by the student and course faculty. Students will apply knowledge of advanced pathophysiology, pharmacology, health assessment, nursing interventions, theory and research to the care of adults and their families experiencing health problems within a chosen specialty area. Opportunities are provided for students to care for clients in a variety of settings. Students are expected to evaluate potential residency sites and develop a plan for their CNS residency

Grading System: ABCDF

### **NSG7950. Advanced Acute Care in Adult Health**

3 credit hours

*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

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### **NSG7960. Advanced Critical Care in Adult Health**

3 credit hours

*Prerequisite: NSG 7920, NSG 7830, ACLS Certification*

This course is designed to enable students to acquire in-depth knowledge and skills related to adult critical care nursing specialty area. Clinical experience focuses on case management in critical care settings. The specialty area is mutually selected by the student and course faculty. Students apply knowledge of advanced pathophysiology, pharmacology, health assessment, nursing interventions, theory and research to the care of adults and their families experiencing health problems within a chosen critical care specialty area. The seminar component of the course is designed to develop clinical decision-making skills through case study presentation. Students will be given the opportunity to submit a clinical paper for peer review.

Grading System: ABCDF

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### **NSG7970. Laboratory and Diagnostic Tests in Advanced Practice**

3 credit hours

*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

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**NSG8000. Philosophical and Theoretical Foundations of Nursing**

4 credit hours

*Prerequisite: Admission to the doctoral program or consent of the instructor*

This course is designed to assist the student in analyzing major philosophies of science as foundations for nursing knowledge. The general focus of this course will be on the influence and applicability to nursing of a variety of positivist, post-positivist, and post-modern views on the nature of scientific thought and progress. These examples will be examined for their explanatory relevance to the development of nursing as a science. Theoretical frameworks used in nursing will be analyzed for adequacy and usefulness. Problems of meaning, interpretation as well as contextual issues in nursing theory will be examined. Students will explore selected philosophical and theoretical issues of importance to nursing.

Grading System: ABCDF

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**NSG8090. Adaptation To Stress in Health and Illness**

3 credit hours

*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

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**NSG8110. Theory Development and Research Design**

3 credit hours

*Prerequisite: NSG8000: Philosophical and Theoretical Foundations of Nursing*

This course advances the theory development and research design knowledge of the student. The course examines approaches to theory construction in quantitative and qualitative research. Emphasis is placed on the development of a study proposal demonstrating logical links between the steps in a selected research process.

Grading System: ABCDF

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**NSG8200. Qualitative Design and Analysis**

4 credit hours

*Prerequisite: NSG8000: Philosophical and Theoretical Foundations of Nursing*

This course will focus on a critical analysis of the epistemologic basis of the qualitative paradigms. Emphases include research design, data collection, analysis, interpretation, and evaluation. Ethical and cross cultural issues and their unique relationship to qualitative research will be examined. A field work assignment provides opportunity for application of theoretical learning by having students participate in data collection and analysis. Students will have the opportunity to learn qualitative computer programs to assist in data management.

Grading System: ABCDF

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**NSG8210. Quantitative Research Designs and Methods of Analysis I**

4 credit hours

*Prerequisite: Inferential Statistics*

This is the first of two courses providing students with a detailed analysis of quantitative research designs and methods of analysis used in nursing science. Sampling designs, methods of data collection, advantages and disadvantages, and sources of error for each design will be covered. Students will have the opportunity to analyze data associated with various research designs in a computer laboratory setting. Students will have the opportunity to interpret data based on descriptive and correlational methods of analysis.

Grading System: ABCDF

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**NSG8211. Quantitative Research Designs and Methods of Analysis II**

4 credit hours

*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

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**NSG8300. Practicum in Nursing Research**

1 - 4 credit hours

*Prerequisite: Completion of the first comprehensive exam*

This course will provide students with the opportunity for an in-depth examination of an investigative topic of particular interest to the student's area of study. The questions for study and the method undertaken will be determined collaboratively by the student and the research mentor.

Grading System: ABCDF

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**NSG8410. Human Development Across the Life Span**

3 credit hours

*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

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**NSG8460. Cross-cultural Health Beliefs and Practices**

3 credit hours

*Prerequisite: Admission to the Doctoral Program or Consent of the Instructor*

The purpose of this course is to analyze research studies of beliefs, values and behaviors related to health, illness and healing cross-culturally. Selected theories of culture and health will be examined for their usefulness in nursing. Discussions and readings focus on research studies of health and illness in diverse cultural groups. Issues related to the ontological status of ideological systems will be critically reviewed and their relevance to qualitative nursing research will be emphasized. The relevance of contextualization of experiences, the "other" and the impact of postmodernism on theories of culture will be explored, particularly their relation to nursing theory and research.

Grading System: ABCDF

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**NSG8480. Health Promotion Across the Lifespan**

3 credit hours

*Prerequisite: Admission to the Doctoral Program or Consent of the Instructor*



This course critically reviews models, theories and research with healthy populations, focusing on physiological, social, psychological, and cultural variables which are related to health, wellness and health promotion in individuals and groups throughout the lifespan. Research related to health promotion will be examined as studies relate to nursing interventions with healthy populations. Selected theories of health promotion with attention to behavioral variables, personal attributes as well as community as partner will be selectively analyzed.

Grading System: ABCDF

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**NSG8600. Health Care Systems, Policies and Priorities**

3 credit hours

*Prerequisite: Admission to the Doctoral Program in Nursing*

This course provides an opportunity to critically examine the health care system. The political, economic, social, cultural, and regulation factors impacting the system will be emphasized. Health care policy formulation and implementation at the international, national, and state levels will be addressed. Health care priorities related to health promotion and disease prevention will be evaluated.

Grading System: ABCDF

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**NSG8690. Feminist Inquiry in Nursing**

3 credit hours

*Prerequisite: Admission to Doctoral program*

This course is designed as an advanced qualitative research course that facilitates the development of critical scholarship. Feminist inquiry in nursing challenges social relations and behavior as well as the use of research in an applied profession. Students will critique the ways of knowing in nursing research through dialogue and critical inquiry. This course will focus on problems of meaning, interpretation and contextual issues related to a critical understanding of reality. Readings and experiences are directed toward increasing skills for critical thinking and reflection as part of the research process.

Grading System: ABCDF

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**NSG8710. Human Development and Aging**

3 credit hours

*Prerequisite: Admission to the Doctoral Program in Nursing*

This course will provide students with an analysis of biological, psychological, social, and cultural theories of aging and health. Chronic illnesses common to older populations and associated physical, cognitive, and emotional decline will be analyzed through research reports of various disciplines. Students will develop research questions/hypotheses relevant to aging and nursing science. Research methodologies appropriate to aging clients will be critiqued and defended for a chosen area of investigation.

Grading System: ABCDF

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### **NSG8800. Ethical Issues in Health Care**

3 credit hours

*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

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### **NSG8830. Family Development and Health**

3 credit hours

*Prerequisite: Admission to the Doctoral Program*

The purpose of this course is to provide the student with knowledge about theoretical and methodological perspectives on families and health. Research in families experiencing situational and developmental transitions will be examined. Emphasis will be placed on the role of nursing science in addressing family models and family oriented research.

Grading System: ABCDF

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### **NSG9010. Seminar in Nursing**

1 - 5 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.

Grading System: ABCDF

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### **NSG9100. Independent Study**

1 - 3 credit hours

*Prerequisite: Completion of at least one course in graduate program in nursing.*

This course will provide students with the opportunity to study further a topic introduced in earlier course work, or to pursue an area of interest (compatible with the area of concentration) for which course work is not available.

Grading System: ABCDF

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**NSG9100A. Independent Study**

1 - 3 credit hours

*Prerequisite: Completion of at least one course in graduate program in nursing.*

This course will provide students with the opportunity to study further a topic introduced in earlier course work, or to pursue an area of interest (compatible with the area of concentration) for which course work is not available.

Grading System: ABCDF

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**NSG9100E. Independent Study**

1 - 3 credit hours

*Prerequisite: Completion of at least one course in graduate program in nursing.*

This course will provide students with the opportunity to study further a topic introduced in earlier course work, or to pursue an area of interest (compatible with the area of concentration) for which course work is not available.

Grading System: ABCDF

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**NSG9200. Independent Study**

1 - 3 credit hours

*Prerequisite: Completion of at least one core course in doctoral program in nursing.*

This course will provide students with the opportunity to study further a topic introduced in earlier course work, or to pursue an area of interest (compatible with the area of concentration) for which course work is not available.

Grading System: ABCDF

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**NSG9210. Investigative Project**

1 - 3 credit hours

*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

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**NSG9220. Supervised  
Research**

1 - 3 credit hours

*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

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**NSG9300. Research-  
Thesis**

1 - 10 credit hours

*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

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**OTH8000. Occupational Therapy Seminar**

1 credit hours

*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

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**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

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**OTH8020. Philosophical and Theoretical Bases of Occupational**

3 credit hours

*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

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**OTH8030. Program Development and Evaluation**

3 credit hours

*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

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**OTH8100. Independent Study**

1 - 3 credit hours

*Prerequisite: Admission to the program*

Investigation of a special problem related to occupational therapy clinical practice, management, education or research.

Grading System: ABCDF

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**OTH8110. Special Studies in Occupational Therapy**

1 - 3 credit hours

*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

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**OTH8120. Special Studies in Advanced Treatment Approaches**

1 - 3 credit hours

*Prerequisite: Admission to the program*

Individual investigation into new and/or specialized treatment approaches or techniques. Includes practical experiences

Grading System: ABCDF

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**OTH8130. Special Studies in Health Care**

1 - 3 credit hours

*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

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**OTH8200. Management of Fieldwork Education**

3 credit hours

*Prerequisite: Admission to the program*

Discussion and application of principles of program design and evaluation to fieldwork education. Includes discussion of supervision processes and related issues.

Grading System: ABCDF

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**OTH9210. Investigation of a Problem**

1 - 3 credit hours

*Prerequisite: Admission to the program*

Investigation of a topic of particular interest to the individual student's area of study.

Grading System: Satisfactory/Unsatisfactory

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**OTH9250. Applied Project in Occupational Therapy**

1 - 3 credit hours

*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

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**OTH9300. Thesis in Occupational Therapy**

1 - 4 credit hours

*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**

5 credit hours

*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

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**OBG8001. Topics in Oral Biology I**

2 credit hours

*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

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**OBG8002. Topics in Oral Biology II**

2 credit hours

*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

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**OBG8003. Topics in Oral Biology III**

2 credit hours

*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

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**OBG8004. Topics in Oral Biology IV**

2 credit hours

*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

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**OBG8070. Ped Elect Mmc-savannah**

3 credit hours

*Prerequisite: None*

Grading System: ABCDF

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**OBG8540. Advanced Oral Pathology**

2 credit hours

*Prerequisite: DDS, DMD or equivalent*

The course is comprised of a series of lectures on Advanced Oral Pathology with emphasis on the etiology, mechanisms, and state of the art diagnostic measures and prognostic evaluation.

Grading System: ABCDF

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**OBG8640. Research Methodology**

2 credit hours

*Prerequisite: None*

This course introduces the graduate student to selected methods that are used to study the biology of orofacial tissues. In addition, potential research projects are identified and the mechanics for writing a research proposal are presented.

Grading System: ABCDF

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**OBG9010. Seminar in Oral Biology**

1 credit hours

*Prerequisite: None*

This course consists of several one hour seminars that will be presented by dental faculty, graduate students and invited lecturers. The seminar topics will be related to the research being conducted by each presenter.

Grading System: ABCDF

**OBG9020. Seminar in Cellular Biology  
and Anatomy**

1 credit hours

*Prerequisite: None*

Forum for faculty and graduate students to present their research.

Grading System: Satisfactory/Unsatisfactory

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**OBG9210. 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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**PHM8010. Molecular Pharmacology**

2 credit hours

*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

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**PHM8030. Neuropharmacology**

2 credit hours

*Prerequisite: PHM 8100*

Selected topics related to the action of chemical agents on the nervous system.

Grading System: ABCDF

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**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

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**PHM8090. Cardiovascular Pharmacology**

2 credit hours

*Prerequisite: PHM 8100*

Evaluation of the actions of drugs on the heart and blood vessels.

Grading System: ABCDF

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**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

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**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

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**PHM9010. Seminar in Pharmacology**

1 credit hours

*Prerequisite: none*

Research presentations by MCG faculty and visiting research scientists.

Grading System: ABCDF

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**PHM9020. Seminar in Pharmacology**

1 credit hours

*Prerequisite: none*

Research presentations by MCG faculty and visiting research scientists.

Grading System: Satisfactory/Unsatisfactory

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**PHM9210A. Investigation of a Problem**

1 - 12 credit hours

*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

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**PHM9210B. Investigation of a Problem**

1 - 12 credit hours

*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

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**PHM9210B. Investigation of a Problem**

1 - 12 credit hours

*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

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**PHM9300A. Research**

1 - 12 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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**GPT8201. Advanced Analysis of Musculoskeletal Function**

1 - 3 credit hours

*Prerequisite: Permission of instructor*

The study of the major concepts, skills and techniques involved in analyzing musculoskeletal performance. In-depth study of selected anatomical structures and related biomechanical and kinesiological concepts.

Grading System: ABCDF

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**GPT8202. Advanced Analysis of Temporomandibular Joint Functions**

1 - 3 credit hours

*Prerequisite: None*

The study of the major concepts, skills and techniques involved in analyzing temporomandibular joint function in-depth study of selected anatomical structures and related biomechanical and kinesiological concepts

Grading System:  
ABCDF

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**GPT8203. Advanced Analysis of Cervical Spine Function**

1 - 3 credit hours

*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

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**GPT8204. Advanced Analysis of Spinal Function**

1 - 3 credit hours

*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

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**GPT8205. Advanced Analysis of Lumbar Spine and Sacra-iliac**

1 - 3 credit hours

*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

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**GPT8206. Advanced Analysis of Shoulder Function**

1 - 3 credit hours

*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

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**GPT8207. Advanced Analysis of Elbow Function**

1 - 3 credit hours

*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

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**GPT8208. Advanced Analysis of Wrist and Hand Function**

1 - 3 credit hours

*Prerequisite: Permission of Instructor*

The study of the major concepts, skills and techniques involved in analyzing wrist and hand function. In-depth study of selected anatomical structures and related biomechanical and kinesiological concepts.

Grading System: ABCDF

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**GPT8209. Advanced Analysis of Hip Function**

1 - 3 credit hours

*Prerequisite: Permission of Instructor*

The study of the major concepts, skills and techniques involved in analyzing hip function. In-depth study of selected anatomical structures and related biomechanical and kinesiological concepts.

Grading System: ABCDF

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**GPT8210. Advanced Analysis of Knee Function**

1 - 3 credit hours

*Prerequisite: Permission of Instructor*

The study of the major concepts, skills and techniques involved in analyzing knee function. In-depth study of selected anatomical structures and related biomechanical and kinesiological concepts.

Grading System: ABCDF

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**GPT8211. Advanced Analysis of Foot and Ankle Function**

1 - 3 credit hours

*Prerequisite: Permission of Instructor*

The study of the major concepts, skills and techniques involved in analyzing foot and ankle function. In-depth study of selected anatomical structures and related biomechanical and kinesiological concepts.

Grading System: ABCDF

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**GPT8300. Clinical Research Techniques**

2 credit hours

*Prerequisite: EDU 702 or equivalent*

A practical approach to research techniques required to perform clinical research including formulation, application and analysis of specific research designs

Grading System: ABCDF

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**GPT8401. Designing Clinical Education Experiences**

3 credit hours

*Prerequisite: EDU 700, 701*

Exposure to all aspects of clinical education, including but not limited to theoretical consideration, practical considerations, plan and design of effective experiences, implementation and evaluation of clinical learning experiences.

Grading System: ABCDF

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**GPT8402. Curriculum Design in Physical Therapy**

3 credit hours

*Prerequisite: EDU 7000*

A review of curriculum designs in physical therapy education with special emphasis on competency-based education Relation of theories of curriculum design to physical therapy and physical therapist assistant education.



Grading System: ABCDF

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**GPT8500. Special Studies in Patient Management**

2 - 4 credit hours

*Prerequisite: Permission of instructor*

Individual investigation into new or specialized patient management processes related to any area of specialization.

Grading System: ABCDF

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**GPT8910. Design of Graduate Program**

1 credit hours

*Prerequisite: Admission into the MHE or MS program in Physical Therapy*

In this course you will design your course of graduate study. By the end of the course you will have a specific plan of study that has been approved by your committee.

Grading System: ABCDF

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**GPT9100. Independent Study**

1 - 3 credit hours

*Prerequisite: Permission of Instructor*

Individually designed work in some area of physical therapy or health care of special interest to the student. Study may be in areas related to practice, administration or education.

Grading System: ABCDF

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**GPT9110. Advanced Therapeutic Processes 1**

3 credit hours

*Prerequisite: Permission of Instructor*

Each student selects an area of specialization in physical therapy practice from musculoskeletal

Grading System: ABCDF

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**GPT9120. Advanced Therapeutic Processes 2**

3 credit hours

*Prerequisite: Permission of Instructor*

Each student selects an area of specialization in physical therapy practice from musculoskeletal

Grading System: ABCDF

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**GPT9210. Investigation of a Problem**

1 - 3 credit hours

*Prerequisite: Permission of instructor*

Investigation of a special problem related to physical therapy clinical practice, management, education or professional practice.

Grading System: Satisfactory/Unsatisfactory

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**MPT7010. Seminar in  
Physical Therapy 1**

1 credit hours

*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

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**MPT7020. Seminar in Physical Therapy 2**

1 credit hours

*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.

Grading System: ABCDF

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**MPT7030. Seminar in  
Physical Therapy 3**

1 credit hours

*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.

Grading System: Satisfactory/Unsatisfactory

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**MPT7070. Seminar in  
Physical Therapy 4**

1 credit hours

*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

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**MPT7112. Physical Therapy Practice 2**

14 credit hours

*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

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**MPT7211. Foundations of Physical Therapy**

7 credit hours

*Prerequisite: Admission the MPT program*

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

Grading System: ABCDF

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**MPT7311. Integration of Practice: Cardiopulmonary**

5 credit hours

*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

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**MPT7312. Integration for Practice: Musculoskeletal I**

6 credit hours

*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

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**MPT7313. Integration of Practice: Medical Conditions I**

5 credit hours

*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

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**MPT7351. Research I**

3 credit hours

*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

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**MPT7412. Integration for Practice: Musculoskeletal II**

5 credit hours

*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

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**MPT7700. Clinical Experience 1**

3 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

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**MPT7710. Clinical Experience II**

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

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**MPT8313. Integration for Practice: Medical Conditions 2**

6 credit hours

*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

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**MPT8314. Integration for Practice: Pediatrics**

4 credit hours

*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

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**MPT8315. Integration for Practice: Management**

6 credit hours

*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

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**MPT8320. Integration for Practice: Neuromuscular**

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

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**MPT8600. Elective**

2 credit hours

*Prerequisite: Completion of all previous MPT coursework or permission of the instructor.*

Individually designed work in Physical Therapy or health care of special interest to the student. Study may be in areas related to practice, administration or education.

Grading System: ABCDF

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**MPT8700. Clinical Experience 3**

12 credit hours

*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

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**MPT9250. Research 2**

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 article format.

Grading System: Satisfactory/Unsatisfactory

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**PAD8022. Concepts in Health Care Delivery**

3 credit hours

*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

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**PAD8023. Geriatrics**

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

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**PAD8024. Health Promotion and Disease Prevention**

3 credit hours

*Prerequisite: Admissions to M.S. program*

Course designed to help develop skills to enable students to incorporate health promotion and disease prevention into clinical practice. They will do research into available community resources for possible referrals.

Grading System: ABCDF

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**PAD8027. Occupational/Industrial Medicine Clinical Practicum**

3 credit hours

*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

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**PAD8028. Rural Health/independent Study Clinical**

3 credit hours

*Prerequisite: BS, PA graduate of an accredited program*



Supervised exposure to a population of patients with undifferentiated health problems and participation in the evaluation and management of those problems. The student becomes more aware of the uniqueness of rural health care practice.

Grading System:  
ABCDF

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**PAD8048. Psychosocial Issues in Medicine**

3 credit hours

*Prerequisite: Admission to M.S. program*

Survey of more common psychosocial problems encountered by health professionals. Students will participate in lectures, discussions, role-playing, and case studies. There will be an emphasis on improving communication skills, development of counseling skills, and integration of knowledge of psychosocial principles with the clinical situation.

Grading System: ABCDF

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**PAD8500. Emergency Toxicology**

3 credit hours

*Prerequisite: Admission to MHE or MS program.*

Focus of this course is on the recognition and treatment of various toxicological emergencies. It will be conducted in a symposium format with many hands-on opportunities.

Grading System: ABCDF

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**PAD8510. Emergency Pharmacology**

1 credit hours

*Prerequisite: Admission to MHE or MS program.*

Focus of this course is to provide the EMPA resident an advanced knowledge of pharmacologic agents specific to use in the emergency arena. This course will consist of lectures and practical demonstration geared at successful application of therapeutic patient management.

Grading System: ABCDF

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**PAD8520. Emergency Medicine Physician  
Assistant Core I**

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: cardiovascular disorders, otolaryngologic disorders, abdominal and gastrointestinal disorder, metabolic and endocrine disorders. Instruction will be conducted in a symposium format and through hands-on clinic rotations in the emergency department. There will be assigned readings and a comprehensive examination.

Grading System: ABCDF

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**PAD8530. Emergency Medicine Physician  
Assistant Core II**

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

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**PAD8540. Emergency Medicine Physician  
Assistant Core III**

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: 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

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**PAD8550. Emergency Medicine Physician  
Assistant Core IV**

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: 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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**PAD8700. Evaluation of the Urologic Patient**

1 credit hours

*Prerequisite: Acceptance in the Urology postgraduate physician assistant residency program*

Refines history taking skills with an emphasis on formulating differential diagnosis, selection of appropriate evaluation tools (radiographic, laboratory, etc.) needed to make a definitive diagnosis in a variety of clinical settings and interpretation of evaluatory procedure outcomes to formulate a diagnosis and treatment plan.

Grading System: ABCDF

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**PAD8701. Clinical Urology, Core I**

4 credit hours

*Prerequisite: Acceptance in the Urology postgraduate physician assistant residency program*

Applies previously learned history taking skills and appropriate physical examination skills to integrate them into a patient evaluation, diagnostic plan, and collation of data.

Grading System: ABCDF

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**PAD8702. Clinical Urology, Core II**

4 credit hours

*Prerequisite: Successful completion of Clinical Urology, Core I*

Builds on previously acquired skills in both history taking and physical examination components as well as formulation of diagnosis and initiation of diagnostic plans, to formulate a treatment plan.

Grading System: ABCDF

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**PAD8703. Clinical Urology, Core III**

5 credit hours

*Prerequisite: Successful completion of Clinical Urology, Core II*

Builds on skills acquired during previous two core courses with increasing independence of action.

Grading System: ABCDF

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**PAD8710. Urologic Pharmacology**

1 credit hours

*Prerequisite: Acceptance in the urology postgraduate physician assistant residency program*

Expands knowledge of pharmaceuticals to include commonly used medication in the practice of urology as well as pharmaceuticals uniquely used in this practice.

Grading System: ABCDF

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**PAD8720. Radiographic Evaluation**

3 credit hours

*Prerequisite: Acceptance in the urology postgraduate physician assistant residency program*

Equips the physician assistant resident with knowledge to obtain, interpret, and apply data from radiographic studies.

Grading System: ABCDF

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**PAD8730. Urodynamics**

3 credit hours

*Prerequisite: Acceptance in the Urology postgraduate physician assistant program*

The focus is on the use, performance of, and interpretation of urodynamics studies in the urologically intact and urologically impaired patient with an emphasis on interpretation of studies and application to patient care.

Grading System: ABCDF

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**PHY7010. Survey of Physiology 1**

11 credit hours

*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

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**PHY7030. Survey of Neurophysiology**

3 credit hours

*Prerequisite: PHY 7010*

Peripheral and central nervous system physiology, including sensory, motor, and cognitive/emotional systems, with an introduction to clinical disorders of nervous system function. PHY 7030 is designed to be taken concurrently with Cell Biology and Anatomy (CBA) 7030.

Grading System: ABCDF

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**PHY8010. Research Designs in Applied Physiology and Health**

2 credit hours

*Prerequisite: none*

Introduction to research designs and methodologies used in AP/HP, including epidemiologic, laboratory and intervention studies.

Grading System: ABCDF

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**PHY8020. Cardiodynamics**

2 credit hours

*Prerequisite: PHY7010*

Physiology of the heart including structure, development, action as muscle and dynamics of its pumping action.

Grading System: ABCDF

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**PHY8030. Circulatory Physiology**

2 credit hours

*Prerequisite: PHY7010*

A study of water and solute movement across the pulmonary endothelium.

Grading System: ABCDF

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**PHY8040. Physiology of Contraction of Striated Muscle**

2 credit hours

*Prerequisite: Survey of Physiology ( PHY 7010) and Survey of Neurophysiology (PHY 7030)*

Excitation-contraction coupling, mechanics and biochemistry of the cross-bridge cycle in skeletal and cardiac muscle.

Grading System: ABCDF

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**PHY8050. Blood Flow Regulation**

2 credit hours

*Prerequisite: PHY 7010*

A study of the determinants affecting cardiac output and peripheral blood flow, with consideration of techniques for measuring flow.

Grading System: ABCDF

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**PHY8060. Respiration**

2 credit hours

*Prerequisite: PHY 7010*

A study of the mechanics and control of respiration including consideration of experimental measurement.

Grading System: ABCDF

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**PHY8070. Body Fluid Regulation**

2 credit hours

*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.

Grading System: ABCDF

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**PHY8080. Applied Physiology**

2 credit hours

*Prerequisite: PHY 7010*

Physiologic response to acute and chronic exercise. Effect of regular exercise on fitness and health. Interactions of exercise and nutrition.

Grading System: ABCDF

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**PHY8100. Body Composition**

2 credit hours

*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.

Grading System: ABCDF

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**PHY8110. The Role of Stress in Health**

2 credit hours

*Prerequisite: none*

How various types of social, psychological and physiological stressors influence health and well-being. Analysis of strategies for management of stress.

Grading System: ABCDF

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**PHY8130. Membrane Transport and Bioelectric Activity**

2 credit hours

*Prerequisite: PHY 7010, 7030 and/or permission of the instructor*

Theoretical basis of the membrane transport of charged and uncharged particles

Grading System: ABCDF

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**PHY8160. Motor Systems**

2 credit hours

*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

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**PHY8210. Sensory Systems**

2 credit hours

*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.

Grading System: ABCDF

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**PHY8240. Physiology of Thyroid Hormone**

2 credit hours

*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

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**PHY8310. Molecular Motors**

3 credit hours

*Prerequisite: Biomedical Sciences first-year core courses.*

An upper level survey course on the expression, structure/function, regulation, and disease processes associated with molecular motors. Studies will focus on the molecular motor Myosin in its conventional and unconventional forms.

Grading System: ABCDF

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**PHY8320. Advanced Neural and Endocrine Systems**

2 credit hours

*Prerequisite: Biomedical Sciences first-year core courses.*

Understanding the integration of neural and endocrine systems is one of the cornerstones of modern physiology. This course will examine in detail the regulation and functional interaction of the neural, immune, and reproductive systems. Specific emphasis will be placed on understanding the complex networks of feedback control leading to whole organism homeostasis.

Grading System: ABCDF

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**PHY8330. Teaching Practicum in Medical Physiology**

1 credit hours

*Prerequisite: Biomedical Sciences first-year core courses.*

Mentored approach to gaining practical experience lecturing in a medical physiology course.

Grading System: Satisfactory/Unsatisfactory

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**PHY9020. Seminar in Physiology and Endocrinology**

1 credit hours

*Prerequisite: None*

Research presentations by MCG faculty and visiting research scientists.

Grading System: Satisfactory/Unsatisfactory

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**PHY9210A. Investigation of a Problem**

1 - 12 credit hours

*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

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**PHY9210B. Investigation of a Problem**

1 - 12 credit hours

*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

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**PHY9300A. Research**

1 - 12 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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**PHY9300B. Research**

1 - 12 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**

3 credit hours

*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

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**RTH8000. Techniques in Extracorporeal Membrane Oxygenation**

3 credit hours

*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

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**RTH8140. Research and Pulmonary Function Testing**

3 credit hours

*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

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**RTH8141. Research and Pulmonary Function Testing Lab**

2 credit hours

*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

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**RTH8170. Advanced Neonatal/perinatal Care**

3 credit hours

*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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## Procedures for Curriculum & Course Review

1. Submit **ten** copies of course or curriculum proposal to the associate dean with a transmittal letter from the department chairman indicating support for the course.
2. Associate Dean forwards copies of the proposal to the Graduate Council members.
3. The Graduate Council reviews course proposal and makes recommendation, to the Associate Dean. All recommendations are recorded in the published minutes of the Graduate Council meeting.
4. For a course proposal that has been approved, the Associate Dean notifies originating department, Graduate Studies Staff, and Registrar.
5. For a course proposal that has not been approved, Associate Dean notifies originating department.

### Proposal for New or Revised Curriculum

The following items should be included in any curriculum (new or revision) proposal:

1. Statement of the overall plan of the curriculum including an illustration of a typical program of study.
2. New course proposal information for each new course. See below for itemized list of information to be included for new courses.
3. Statement of rationale for revision, if applicable.
4. Listing of faculty members who will be involved, with a statement of their qualifications in relation to the curriculum and their experience with graduate education; indicate those faculty having graduate faculty appointments.
5. Indication of resource needs if increased, e.g., space, students, faculty, funding sources.
6. If applicable, a statement of how proposed revisions will affect accreditation.

7. Comment on any other relevant changes.

### **New Course Proposals:**

The following items should be included in any new course proposal:

1. Title of course.
2. Level of course (600, 700, 800, 900).
3. Number of semester hours credit to be given for course.
4. Prerequisites for the course.
5. Frequency of course offering.
6. Names of faculty who will be conducting the course.
7. Brief catalog description of course.
8. Detailed description of topics to be covered.
9. Statement of the goals of the course, e.g., will the student learn ways of reviewing the literature, analyzing data, new research techniques, new clinical skills, etc.
10. Statement of need for the course with an explanation of how the course qualifies as a graduate level course. Does the course duplicate other offerings within or outside the department?
11. Type of instruction:
  - a. lecture
  - b. presentation of papers
  - c. supervised laboratory work
  - d. combination
12. Type of evaluation of the student to be used in the course.
13. Type of grading system to be used (A-F, S/U).
14. Additional resources that will be needed beyond your department. Describe how those resources will be obtained.
15. Has this course been offered previously with a different number or title, or at a different institution by the proposed faculty? If yes, please describe.
16. Additional comments.

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Please email comments, suggestions or questions to:  
Gretchen Caughman, [gcaughma@mail.mcg.edu](mailto:gcaughma@mail.mcg.edu)

August 20, 2001

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## Bylaws of the Graduate Faculty Assembly

### ARTICLE I. Name

The name of the organization will be the Medical College of Georgia Graduate Faculty Assembly.

### ARTICLE II. Purpose

The purpose of the Graduate Faculty Assembly is to assist in the promotion of the intellectual life of its members, to encourage research, and to promote training of graduate students at the Medical College of Georgia (it is not intended to overlap the function of other faculty organizations in their concern with appointment, promotion, tenure, benefits, etc.).

### ARTICLE III. Graduate Faculty Membership in the School of Graduate Studies

**Section 1.** Primary responsibility for appointment to Graduate Faculty shall rest with the Dean of the School of Graduate Studies.

**Section 2.** Eligibility criteria and procedure for appointment to the Graduate Faculty are based on the current policy developed by the Graduate Council.

The graduate faculty has the major responsibility for graduate education. The graduate faculty in the individual graduate programs and schools is responsible for curriculum, teaching in graduate courses, methods of instruction, assessment of student achievement, research and progress towards the degree.

The graduate faculty also has a responsibility to serve as a student's major advisor, to serve on thesis and dissertation committees, to participate in all Graduate Faculty activities, to participate in the election of members to the Graduate Council and to serve when elected to the Graduate Council.

## **ARTICLE IV. Graduate Faculty Governance**

**Section 1.** Graduate Faculty Assembly: The Dean of the Graduate School will call a general meeting of the Graduate Faculty semiannually and report on the state of the Graduate School and present the annual Graduate Faculty Awards. The Graduate Council, by a majority vote, the Dean, or the Graduate Faculty, by ten (10) or more of its members, may call a meeting of the Graduate Faculty at any time.

### **Section 2.** The Graduate Council

**A. Purpose:** The Graduate Council is a representative body of the graduate faculty which serves to conduct the business of faculty affairs, student affairs, program development and review, and to advise the Dean of the School of Graduate Studies on all issues related to the School of Graduate Studies.

**B. Membership:** Three (3) graduate faculty members from each School (Medicine, Dentistry, Nursing and Allied Health), and one (1) graduate faculty member-at-large elected by all members of the graduate faculty and two (2) student members (one Master's and one Ph.D.) elected by students enrolled in the School of Graduate Studies. All such members will be voting members. The Dean and the Associate Dean will be non-voting members.

**C. Chair:** The Associate Dean of the Graduate School, though not a voting member, will chair the Graduate Council meetings. In the Associate Dean's absence, the Dean of the Graduate School will chair the meetings.

**D. Elections:** The Graduate Council shall be composed of members elected by mail ballot from members of the Graduate Faculty. Students enrolled in the School of Graduate Studies shall elect two representatives (one Master's and one



Ph.D. student) to the Graduate Council. The Associate Dean's Office of the School of Graduate Studies will call for nominations from each of the Schools. All nominees will be placed on the ballot to be voted on by all members of the graduate faculty. Terms of service will be staggered such that approximately one third of the members will be newly elected each year and members will serve for three-year terms, except students who will serve one year terms. The Graduate Council will supply information about the nominees to the Graduate Faculty at the time of the election. The Hare system of voting will be used if there are more than two (2) nominees for any Graduate Council seat. Elected members may only serve two (2) consecutive terms. Terms shall be July 1 - June 30.

To establish the Graduate Council initially, the representative with the largest number of votes from each School will serve a 3 year 3 month term, the representative with the next highest votes will serve a 2 year 3 month term and the third representative will serve a one year 3 month term. The at-large representative will serve a 3 year 3 month term. The student members will serve one year 3 month terms. These terms will establish the change from calendar year to fiscal year terms of office.

#### **E. Responsibilities and Duties:**

- Establish general university academic policies and procedures relating to graduate programs.
- Review and approve new and revised graduate courses and degree programs.
- Formulate strategic plans related to graduate education.
- Advise the Dean of the School of Graduate Studies on the affairs of the School of Graduate Studies.
- Develop strategies for increasing support of

- graduate students and graduate programs.
- Conduct periodic review of graduate programs and oversee implementation of recommendations
  - Develop mechanisms and evaluate the quality of instruction.
  - Set standards and recommend Graduate Faculty appointments.
  - Review and recommend allocation of funds for and by the School of Graduate Studies.
  - Appoint a chair of the Graduate Research Day Committee. The chair will develop a membership roster to be approved by the Graduate Council.
  - Appoint two members of the Graduate Council to serve as Academic Council Representatives.
  - Encourage research, teaching and service efforts at the graduate level by making yearly awards.
  - Create goals and objectives for the year and a plan and timetable by which these objectives will be met.
  - Disseminate information to the faculty of their schools by a formal process to be determined by each school.
  - Periodically review and recommend changes to the bylaws of the Graduate Faculty Assembly. The first review will take place in three (3) years. Since this is a transitional structure the entire bylaws will be reviewed, especially the service by the Associate Dean of the School of Graduate Studies as Chair of the Graduate Council rather than an elected faculty member.

**F. Agenda:** The agenda of the Graduate Council meeting will be set by the Associate Dean of the Graduate School and the Members of the Graduate Council.

**G. Meetings:** Once every month at a standing date and time.

**H. Meetings and Minutes:** The business of the Graduate Council (upcoming agenda and minutes of past meetings) will be made available to the graduate faculty and students electronically with a clear mechanism for dissemination to be developed.

## **ARTICLE V. Parliamentary Authority**

Unless otherwise defined in these Bylaws, all procedures and meetings shall be conducted according to the latest edition of Roberts Rules of Order.

## **ARTICLE VI. Amendments**

Proposals to amend these Bylaws may originate from the Graduate Council or by petition to the Graduate Council by six or more members of the Graduate Faculty. The chair of the Graduate Council shall mail to the Graduate Faculty copies of the proposed amendment(s) one month prior to a regular semester meeting of the Graduate Faculty Assembly. The proposal will be included on the agenda for discussion at that semester meeting. If a motion is passed, a ballot to approve the proposed amendment(s) will be sent to all Graduate Faculty members. Completed ballots will be returned within ten (10) working days of the date they were mailed. Passage of the amendment(s) will require a two-thirds (2/3) majority of the balloted return.

## **ARTICLE VII. Authority**

These Bylaws shall serve as the sole authorizing instrument (consistent with the Statutes of the Medical College of Georgia) for the Graduate Faculty Assembly.

Revised and Approved by Graduate Faculty Assembly on  
January 3, 2001

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**Medical College of Georgia**

Please email comments, suggestions or questions to:  
Gretchen Caughman, [gcaughma@mail.mcg.edu](mailto:gcaughma@mail.mcg.edu)

August 20, 2001

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## Graduate Council 2001-2002

### ALLIED HEALTH SCIENCES

NAME	TERM ENDS	EXT.	E-MAIL
Carol Campbell, DBA	6/30/04	1-3436	<a href="mailto:cacampbe@mail.mcg.edu">cacampbe@mail.mcg.edu</a>
Doug Keskula, Ph.D.	6/30/03	1-2141	<a href="mailto:dkeskula@mail.mcg.edu">dkeskula@mail.mcg.edu</a>
Ann Arnette, MHEd	6/30/02	1-3046	<a href="mailto:aarnette@mail.mcg.edu">aarnette@mail.mcg.edu</a>

### DENTISTRY

NAME	TERM ENDS	EXT	E-MAIL
Regina Messer, Ph.D.	6/30/04	1-2991	<a href="mailto:messer@mail.mcg.edu">messer@mail.mcg.edu</a>
Carol Lapp, Ph.D.	6/30/03	1-2991	<a href="mailto:clapp@mail.mcg.edu">clapp@mail.mcg.edu</a>
Worku Abebe, Ph.D.	6/30/02	1-3181	<a href="mailto:wabebe@mail.mcg.edu">wabebe@mail.mcg.edu</a>

### NURSING

NAME	TERM ENDS	EXT	E-MAIL
Martha Tingen, Ph.D.	6/30/04	1-4715	<a href="mailto:mtingen@mail.mcg.edu">mtingen@mail.mcg.edu</a>
Joyceen Boyle, Ph.D.	6/30/03	1-3676	<a href="mailto:jboyle@mail.mcg.edu">jboyle@mail.mcg.edu</a>
Nancy Troy, Ph.D.	6/30/02	1-2451	<a href="mailto:ntroy@mail.mcg.edu">ntroy@mail.mcg.edu</a>

### MEDICINE

NAME	TERM ENDS	EXT	E-MAIL
Wendy Bollag, Ph.D.	6/30/04	1-0698	<a href="mailto:wbollag@mail.mcg.edu">wbollag@mail.mcg.edu</a>

Deborah Lewis, Ph.D.	6/30/03	1- 6345	<a href="mailto:dlewis@mail.mcg.edu">dlewis@mail.mcg.edu</a>
Sylvia Smith, Ph.D.	6/30/02	1- 7392	<a href="mailto:sbsmith@mail.mcg.edu">sbsmith@mail.mcg.edu</a>

### MEMBERS AT-LARGE

NAME	TERM ENDS	EXT	E-MAIL
Michael Brands, Ph.D.	6/30/04	1- 7814	<a href="mailto:mbrands@mail.mcg.edu">mbrands@mail.mcg.edu</a>

### STUDENT MEMBERS

NAME	TERM ENDS	EXT	E-MAIL
Troy Conner	6/30/02		<a href="mailto:crna-2002@home.com">crna-2002@home.com</a>
Dabbs Loomis	6/30/02		<a href="mailto:edloomis@hotmail.com">edloomis@hotmail.com</a>

### ADMINISTRATIVE (NON-VOTING)

NAME	EXT	E-MAIL
Gretchen Caughman, Ph.D.(Chair) Assoc. Dean	1- 3278	<a href="mailto:gcaughma@mail.mcg.edu">gcaughma@mail.mcg.edu</a>
Matthew Kluger, Ph.D. MBA, Dean	1- 6900	<a href="mailto:mkluger@mail.mcg.edu">mkluger@mail.mcg.edu</a>

### REPRESENTATIVES TO THE ACADEMIC COUNCIL

NAME	TERM ENDS	EXT	E-MAIL
Doug Keskula, Ph.D.	6/30/02	1- 2141	<a href="mailto:dkeskula@mail.mcg.edu">dkeskula@mail.mcg.edu</a>
Deborah Lewis, Ph.S.	6/30/04	1- 6345	<a href="mailto:dlewis@mail.mcg.edu">dlewis@mail.mcg.edu</a>

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## Graduate Faculty Organization Committees

### Graduate Student Research Day Committee

<b>Members</b>	<b>Graduate Appointment</b>	<b>Term Phone Ends</b>
Patricia Cameron (Chair)	IMMAG	1-8743 2001
Wendy Bollag,	Cellular Biology & Anatomy	1-0698 2001
Cinda Chernecky	Graduate Nursing	1-4709 2001
Steve Harrison	Medical Illustration	1-3266 2001
Dave Hill	Cellular Biology & Anatomy	1-2019 2001
John Johnson	Pharmacology & Toxicol.	1-4173 2001
Nevin Lambert	Pharmacology & Toxicol.	1-6336 2001
Lynne LaPierre	Medicine (Ex-Officio)	1-0702 2001
Jill Lewis	Oral Biology	1-2991 2001
Jennifer Pollock	Vascular Biology Center	1-9799 2001
Patricia Schoenlein	Cellular Biology & Anatomy	1-6281 2001
Steve Vogel	Imaging Core Facility	1-1604 2001

(Terms run January 1 - December 31)

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Please email comments, suggestions or questions to:  
Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

August 07, 2001



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The physician occupies a vital and honored position in today's increasingly sophisticated and complex society. Opportunities for employment include clinical practice, teaching and work in the research arena. Successful completion of the requirements of the School of Medicine leads to the MD degree and a career dedicated to maintaining health and alleviating and curing disease.

**Departments**

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**Medical College of Georgia**

Please email comments, suggestions or questions to:

Kenda Rindt, [krindt@mail.mcg.edu](mailto:krindt@mail.mcg.edu).

January 29, 2002

# Medical College of Georgia Tenure & Promotion Policies in the School of Medicine

## Development and Approval

*Department of Medicine  
Promotion and Tenure  
committee approved July 19,  
2000.*

*EFAC endorsed August 22, 2000  
and recommended use in 2000-  
01 promotion/tenure cycle.  
Clinical and basic science chairs  
endorsed August 28, 2000;  
recommended distribution to all  
SOM faculty and use in the 2000-  
01 promotion/tenure cycle.*

*Dr. Betty Wray, Interim Dean,  
School of Medicine, approved  
September 5, 2000.*

*Dr. Barry Goldstein, Senior Vice  
President for Academic Affairs,  
approved September 11, 2000.*

## A Guide to Interpretation of the Tenure and Promotion Policies for the Medical College School of Medicine

The MCG School of Medicine has developed guidelines to clarify policies regarding recommendations for promotion of faculty on the tenure and non-tenure tracks, and tenure for faculty on the tenure track. The MCG Faculty Manual is the source of the general criteria excerpted below.



- [General Expectations for Promotion on the Tenure Track](#)
- [General Expectations for Awarding of Tenure](#)
- [General Expectations for Promotion on the Non-Tenure Track](#)
- [Interpretation of the General Expectations](#)
- [General Categories of Faculty Appointed to the Tenure Track](#)
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- [General Expectations for Promotion of Faculty with Appointments on the Non-Tenure Track as Clinicians/Educators, Educator/Clinicians, and Basic Science Educators](#)
- [More Specific Interpretation of Recommendations:](#)

[Clinician-Educator, Educator-Clinician, and Basic  
Science-Educator Tracks](#)

- [Appendix](#)

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Please email comments, suggestions or questions to:  
Ruth-Marie E. Fincher, MD, [rfincher@mail.mcg.edu](mailto:rfincher@mail.mcg.edu).

December 04, 2001



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## School of Medicine

### Administration

Dean Medicine

[Dr. Betty B. Wray  
\(Interim\)](#)

Vice Dean Academic Affairs

[Dr. Ruth-Marie E.  
Fincher](#)

Vice Dean Clinical Affairs

[Dr. Ralph J. Caruana](#)

Vice Dean Research

[Dr. Anthony L. Mulloy](#)

Associate Dean Admissions and Student Affairs

[Dr. Mason P. Thompson](#)

Associate Dean Curriculum

[Dr. T. Andrew Albritton](#)

Associate Dean Graduate Medical Education

[Dr. Ann Marie Flannery](#)

Associate Dean Graduate Studies

[Dr. Gretchen B.  
Caughman](#)

Associate Dean Special Academic Programs

[Dr. Rosie Allen-Noble](#)

Associate Dean Veterans Affairs Medical Center

[Dr. Thomas W. Kiernan](#)

Assistant Dean Clinical Affairs (Georgia Baptist Medical Center)

[Dr. Steven L. Saltzman](#)

Assistant Dean Pharmacy Programs

[Dr. Joseph T. DiPiro](#)

### Faculty

[All](#)

[Primary Rank](#)

[Clinical/Adjunct](#)

[Administrative](#)

[Joint Rank](#)

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Ophthalmology  
Pathology  
Pediatrics  
Pharmacology and Toxicology  
Physiology  
Psychiatry and Health Behavior  
Radiology  
Surgery

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**Medical College of Georgia**

Direct inquiries about faculty information  
to the [Office of Faculty Affairs](#).

Comments or questions about the system? Contact [OIRI](#).

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March 2001

# 2001-2002 Junior Core Rotation Schedule



	2001						2002																		
	<b>JULY</b>	<b>AUG</b>	<b>SEPT</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APRIL</b>	<b>MAY</b>	<b>JUNE</b>													
1	7/9		9/30		10/1	11/11	11/12	1/6		1/7 2/3	2/4 3/3	3/4 3/31	4/1	5/19	5/20	6/30									
2	<b>MEDICINE</b>						<b>PED</b>		<b>FMP</b>		<b>NEU</b>		<b>OB</b>		<b>PSY</b>										
3							10/1		11/11		11/12		1/6		<b>NEU</b>		<b>SUR CORE</b>		<b>SUR SS</b>		4/1	5/19	5/20	6/30	
4	7/9		9/30		<b>FMP</b>		<b>PED</b>		1/7 2/3	2/4 3/3	3/4 3/31	<b>PSY</b>		<b>OB</b>											
5	7/9		8/19	8/20	9/30		10/1		1/6		1/7	2/17	2/18	3/31		4/1 5/5	5/6 6/2	6/3 6/30							
6	<b>PED</b>		<b>FMP</b>		<b>MEDICINE</b>						<b>OB</b>		<b>PSY</b>		<b>SUR CORE</b>		<b>SUR SS</b>		<b>NEU</b>						
7	7/9		8/19								8/20		9/30		1/7		2/17		2/18		3/31		<b>NEU</b>		<b>SUR CORE</b>
8	<b>FMP</b>		<b>PED</b>		7/9		8/19		8/20		9/30		<b>PSY</b>		<b>OB</b>		4/1 5/5	5/6 6/2	6/3 6/30						
9	7/9	8/5	8/6	9/2	9/3	9/30	10/1		11/11		11/12		1/6		1/7	3/31		4/1		5/19		5/20		6/30	
10	<b>SUR CORE</b>		<b>SUR SS</b>		<b>NEU</b>		<b>OB</b>		<b>PSY</b>		<b>MEDICINE</b>						<b>PED</b>		<b>FMP</b>						
11	7/9 8/5		8/6 9/2		9/3 9/30		10/1		11/11								11/12		1/6		<b>NEU</b>		<b>SUR CORE</b>		<b>SUR SS</b>
12	7/9 8/5		8/6 9/2		9/3 9/30		<b>PSY</b>		<b>OB</b>		7/9 8/5		8/6 9/2		9/3 9/30		<b>FMP</b>		<b>PED</b>						
13	7/9		8/19		8/20		9/30		10/1 10/28	10/29 11/21	11/26 1/6	1/7	2/17	2/18	3/31		4/1		6/30						
14	<b>OB</b>		<b>PSY</b>		<b>SUR CORE</b>		<b>SUR SS</b>		<b>NEU</b>		<b>PED</b>		<b>FMP</b>		<b>MEDICINE</b>										
15	7/9		8/19		8/20		9/30		<b>NEU</b>		<b>SUR CORE</b>		<b>SUR SS</b>												
16	<b>PSY</b>		<b>OB</b>		10/1 10/28		10/29 11/21		11/26 1/6		<b>FMP</b>		<b>PED</b>												
	7/9		8/19		8/20		9/30		<b>SUR SS</b>		<b>NEU</b>		<b>SUR CORE</b>												

**Thanksgiving Holidays** (All Students): November 22-25, 2001  
**Christmas Holidays** (All Students): December 19-January 1, 2002

**Spring Holidays** (All Students): April 8-14, 2002

## Associate Dean for Admissions and Student Affairs Office Personnel:

**Dr. Mason Thompson**  
Associate Dean for Admissions and Student Affairs

**Mrs. Linda DeVaughn**  
Director of Admissions

**Esther Holland**  
Supervisor, Student Admissions

**Dorothy Knight**  
Administrative Coordinator

**Bonnie Hutcheson**  
Administrative Coordinator

**Diane Riffe**  
Administrative Coordinator

**Stephanie Crawford**  
Administrative Specialist

**Montra Roberts**  
Administrative Secretary

**Debra Morgan**  
Director of the Generalist Physician Initiative Outreach Program



## School of Medicine

# Admissions Bulletin 2002

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### [Food Service Information](#)

## **For Additional Information Contact:**

Associate Dean for Admissions  
School of Medicine - AA-2040  
Medical College of Georgia  
Augusta, GA 30912-4760  
(706) 721-3186 / (706) 721-0959 (Fax)



email: [stdadmin@mail.mcg.edu](mailto:stdadmin@mail.mcg.edu)

For additional information regarding the Medical College of Georgia and the Augusta community, visit [www.mcg.edu](http://www.mcg.edu).

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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 2002-2003. 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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Please email comments, suggestions or questions to:  
[stdadmin@mail.mcg.edu](mailto:stdadmin@mail.mcg.edu)

October 26, 2001

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## School of Medicine Admissions Bulletin 2002

## 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 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 [elective courses](#) 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.

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[stdadmin@mail.mcg.edu](mailto:stdadmin@mail.mcg.edu)

November 08, 2001

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## School of Medicine Admissions Bulletin 2002

## Financial Information

## Estimated Academic Expenses

Estimated Annual Student Expenses *per Academic Year*

	First Year	Second Year	Third Year	Fourth Year
Tuition (resident)	\$7,340	\$11,135	\$11,135	\$7,340
(non-resident)	29,358	44,537	44,537	29,358
Fees	436	606	606	436
Health Care Fee	100	0	0	0
Books and supplies	1,129	794	760	401
Uniforms	53	53	53	53
Instruments	729	0	0	0
Classnotes/Printouts	360	360	0	0
Replacement/Breakage	53	54	65	64
Microscope Rental	60*	0	0	0
Prof. Liability Insurance	0	0	0	0
Hepatitis Injection	90	0	0	0
National Boards/Practice	0	385**	385**	0
Note-taking service	225	200	0	0
Disability insurance	137	137	137	137
Graduation fee	0	0	0	55
Rotation Travel	50	0	250	250
Loan Fees	326	489	489	326
<b>Totals (resident)</b>	<b>\$11,088</b>	<b>\$14,213</b>	<b>\$13,880</b>	<b>\$9,062</b>

\*Cost estimate based on microscope rental plan offered by the School of Medicine.

\*\* Effective November 2001 increase to \$405

Non-residents add \$10,634 for Fall and \$11,384 for Spring semester

NOTE: Ten full-time tuition payments are required for the prescribed four-year curriculum. All ten payments are required even if you finish at an accelerated pace. Additional tuition will be assessed if courses are repeated or remediated. All tuition and fees are due and payable upon registration and subject to

change without notice.

### Estimated Other Expenses-Monthly Allowances

	On-Campus	Off-Campus
Rent/Utilities/Phone	\$248	\$373
Food	343	343
Personal Expenses	260	260
Transportation	185	210
<b>Monthly Totals</b>	<b>\$1,036</b>	<b>\$1,186</b>

### 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:

<b>Formal Withdrawal</b>	<b>Refund</b>
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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October 26, 2001

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## Principal Educational Goal for Undergraduate Medical School Education

The principal goal is to foster development of knowledge, skills, attitudes, and values that effectively prepare students to enter postgraduate training in a rapidly changing healthcare environment.

### Medical School Objectives

*Physicians must be altruistic.*

Graduates will have demonstrated the following:

- Knowledge of the bases governing ethical decision making.
- Compassionate patient care and respect for the privacy and dignity of their patients.
- Honesty and integrity in all interactions with patients' families, colleagues, and others with whom physicians must interact professionally.
- An understanding of, and respect for, the roles of other health care professionals, and of the need to collaborate with others in providing care for individuals and populations.
- An understanding of the threats posed by conflicts of interest in medical practice.
- The capacity to recognize and accept limitations in one's knowledge and clinical skills.

*Physicians must be knowledgeable.*

Graduates will have demonstrated the following:

- Knowledge of normal structure and function and embryonic development of the body.

- Knowledge of molecular, biochemical, and cellular mechanisms regulating homeostasis.
- Knowledge of molecular, biochemical, and cellular mechanisms underlying the pathology of disease.
- Knowledge of pathologic changes in structure and function of organ systems as a result of disease.
- Knowledge of scientific methods to investigate the causation of disease and evaluate efficacy of traditional and non-traditional therapies.
- Knowledge of mechanisms of drug action, pharmacokinetic parameters, pharmacodynamics, and pharmacotherapeutics.
- Skills for life-long learning.

*Physicians must be skillful.*

Graduates will have demonstrated the following:

- The ability to obtain an accurate medical history, including such related issues as age, gender, and socioeconomic status.
- The ability to perform both a comprehensive and an organ-system-specific examination, including a mental status examination.
- The ability to perform routine technical procedures including at a minimum venipuncture, inserting an intravenous catheter, arterial puncture, lumbar puncture, insertion of a nasogastric tube, insertion of a foley catheter, and suturing lacerations.
- The ability to interpret the results of commonly used diagnostic tests with recognition of their limitations.
- Knowledge of the most frequent clinical, laboratory, roentgenologic, and pathologic manifestations of common maladies.
- The ability to reason deductively in solving clinical problems.
- The ability to construct appropriate diagnostic and management strategies for patients with common conditions, both acute and chronic, including medical, psychiatric, and surgical conditions, as well as those requiring short- and long-term rehabilitation.
- The ability to recognize patients with immediately life-



- threatening cardiac, pulmonary, or neurological conditions, and to institute appropriate initial therapy.
- The ability to recognize and outline an appropriate initial course of management for patients with serious conditions requiring critical care.
  - Knowledge about relieving pain and ameliorating suffering.
  - The ability to communicate effectively with patients, their families, and members of the healthcare team.

*Physicians must be dutiful.*

Graduates will have demonstrated the following:

- The ability to recognize the important nonbiological determinants (such as economic, psychological, social, and cultural factors) contributing to poor health.
- The ability to recognize the epidemiology of common medical disorders with a defined population, and the systemic approaches useful in reducing the incidence and prevalence of those disorders.
- The ability to identify factors that place individuals at risk for disease or injury, to select appropriate tests for detecting patients at risk for specific diseases or in the early stage of disease, and to determine strategies for responding appropriately.
- The ability to retrieve, manage and utilize biomedical information for solving problems and making decisions relevant to the care of individuals and health of populations.
- The ability to recognize effective approaches to the organization, financing, and delivery of health care to all individuals including the underserved.

The educational objectives were developed by the curriculum committee using MSOP (AAMC Medical School Objectives Project) objectives as a template. The process began in 1997 and the current version of the objectives was approved by the School of Medicine Faculty Senate on February 22, 2000.

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August 13, 2001

## Phase I-II-III Curriculum Committee

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### 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	Ophthalmology	2003
John Steele	Pathology	2003
William Caldwell	Pharmacology	2003
Ralph Kolbeck	Physiology/Endocrinology	2003
Kevin Murrell	Psychiatry	2003
John Barrett	Radiology	2003
Thomas Howdieshell	Surgery	2003
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

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August 13, 2001

# Curriculum Description

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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.

2001-2002 Curriculum Credit Hours			
Phase I–Fall Semester			
Course Number	Description	Credit Hours	Grading
ANM 5110	Gross Anatomy	7	Grade
BMB 5120	Biochemistry/Genetics	7	Grade
ANM 5120A	Histology & Dev.	CP	Grade
ITD 5001A	Essentials of Clinical Medicine I	CP	Grade
Phase I–Spring Semester			
PHY 5150	Physiology	11	Grade
ITD 5170	Neuroscience	6	Grade
PSY 5160	Behavioral Science/Psychiatry	4	Grade
ANM 5120B	Histology & Dev.	7	Grade
ITD 5001B	Essentials of Clinical Medicine I	11	Grade
Phase II–Fall Semester			
PTH 5240A	Pathology	CP	Grade

ITD 5250A	Microbiology	CP	Grade
ITD 5002A	Essentials of Clinical Medicine II	CP	Grade
<b>Phase II–Spring Semester</b>			
PHM 5270	Pharmacology & Toxicology	7	Grade
ITD 5295	National Board Review	4	P/F (elect)
PTH 5240B	Pathology	12	Grade
ITD 5250B	Microbiology	12	Grade
ITD 5002B	Essentials of Clinical Medicine II	15	Grade

### Requirements for Phase III

#### A. General Requirements

1. Students must satisfactorily complete all of the requirements of Phase II before entering Phase III. Students must pass USMLE Step I to enter the third year.
2. The minimum 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.

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Please email questions regarding our curriculum to:  
Teresa Smith, [tdsmith@mail.mcg.edu](mailto:tdsmith@mail.mcg.edu).

Please email comments, suggestions or questions to  
Kenda Rindt, [krindt@mail.mcg.edu](mailto:krindt@mail.mcg.edu).

August 13, 2001

# School of Medicine Course Directors

## 2001-2002

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Phase I		
<b>Biochemistry</b>	<b>David F. Lapp, PhD</b> Biochemistry & Molecular Biology	CB-2407 (706) 721-7673
<b>Essentials of Clinical Medicine 1</b>	<b>Peggy J. Wagner, PhD</b> Family Medicine	HB-3040 (706) 721-7589
<b>Gross Anatomy</b>	<b>David B. Lause, PhD</b> Cellular Biology & Anatomy	CB-1824 (706) 721-2025
<b>Histology &amp; Development</b>	<b>Dale W. Sickles, PhD</b> Cellular Biology & Anatomy	CB-1117A (706) 721-7393
<b>Neuroscience</b>	<b>G. Paul Sohal, PhD</b> Cellular Biology & Anatomy	CB-1114 (706) 721-8437
<b>Physiology</b>	<b>Ralph C. Kolbeck, PhD</b> Physiology	CL-2134 (706) 721-2180
<b>Psychiatry</b>	<b>Donna L. Londino, MD</b> Psychiatry & Health Behavior	FG-1156 (706) 721-6703
Phase II		
<b>Essentials of Clinical Medicine 2</b>	<b>David M. Jester, MD</b> Family Medicine	HB-3018 (706) 721-0311
	<b>T. Andrew Albritton, MD</b> Medicine (Curriculum Office)	CB-1841 (706) 721-3218
<b>Medical Microbiology</b>	<b>John F. Fisher, MD</b> Medicine	CB-1841 (706) 721-8935



<b>Pathology</b>	<b>Diane C. Turnbull, EdD</b> Pathology	CB-3602 (706) 721-3905
<b>Pharmacology</b>	<b>Scott A. Barman, PhD</b> Pharmacology	CB-3607E (706) 721-6352
	<b>Richard E. White, PhD</b> Pharmacology	CB-3607E (706) 721-7582
<b>Phase III</b>		
<b>Family Medicine 5000</b>	<b>David M. Jester, MD</b>	HB-3018 (706) 721-0311
<b>Medicine 5000</b>	<b>Walter J. Moore, MD</b>	BI-W554 (706) 721-2055
<b>Neurology 5000</b>	<b>J. Ned Pruitt, MD</b>	BBR-3516B (706) 721-1886
<b>OB/GYN 5000</b>	<b>Iqbal Kahn, PhD</b>	CB-2310 (706) 721-2280 (706) 721-7076
<b>Pediatrics 5000</b>	<b>Christopher B. White, MD</b>	BG-2101B (706) 721-3781
<b>Psychiatry 5000</b>	<b>Kevin J. Murrell, MD</b>	BAS-339 (706) 721-8806
<b>Surgery 5000</b>	<b>Thomas R. Howdieshell, MD</b>	BA-4411 (706) 721-3153

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August 13, 2001

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Use this link to access the main MCG course description database.

- [Electives Bulletin](#)

Use this link to go find course descriptions of electives taken during Phase III.

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Please email comments, suggestions or questions to:  
Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

December 20, 2001



## Guide to Course Descriptions School of Medicine

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<a href="#">Biochemistry, Medicine</a>	BMB
<a href="#">Emergency Medicine, Medicine</a>	EMED
<a href="#">Family Medicine</a>	FMP
<a href="#">Interdisciplinary Courses, Medicine</a>	ITD
<a href="#">Medicine</a>	MED
<a href="#">Neurology, Medicine</a>	NEU
<a href="#">Obstetrics and Gynecology, Medicine</a>	OBG
<a href="#">Ophthalmology, Medicine</a>	OPH
<a href="#">Pathology, Medicine</a>	PTH
<a href="#">Pediatrics, Medicine</a>	PED
<a href="#">Pharmacology, Medicine</a>	PHM
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<a href="#">Surgery, Medicine</a>	SUR

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[rgarner@mail.mcg.edu](mailto:rgarner@mail.mcg.edu)

January 15, 2002

**ANM5085. Phase I**

**Elective: Medical Gene  
Therapy**

1 credit hours

*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

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**ANM5085P. Phase I Elective:  
Clinical Anatomy of the Pelvis  
and Inguinofemoral Region**

1 credit hours

*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

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**ANM5110. Gross Anatomy**

7 credit hours

*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

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**ANM5130. Cell Biology & Development**

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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**ANM5130A. Histology and Development**

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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**ANM5130B. Histology and Development**

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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**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

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## **BMB5120. Biochemistry and Genetics**

7 credit hours

*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**

7 credit hours

*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

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**EMED5006. Disaster and International Emergency Medicine (Special Elective-Green Sheet)**

7 credit hours

*Prerequisite: None*

This elective is designed to familiarize students with emergency preparedness and response to a variety of natural and technical disasters including terrorism. Students will 1) gain a basic understanding of national, state, and local health response to natural and other disasters, 2) gain a basic understanding in evaluating emergency preparedness in the U.S. or abroad, 3) become familiar with biological and chemical agents which may be used in terrorism. The student's experience will include reviewing the most recent data on current natural disasters, observing decision-making in emergency response to disasters, and observing the operations of the Emergency Response Group of the CDC. Students will read and review articles on disaster and international medicine, emergency management, preparedness, and response. Students will choose an area of interest, complete in-depth readings and participate in ongoing research. A final presentation about the area of interest and research will be presented at the Emergency Medicine Resident's Conference for faculty review. Computer programs are available to assist in their final presentation. Evaluations will be based on the quality of the final presentation, level of interest, enthusiasm, and participation in group discussions and assigned readings. Contact person in Emergency Medicine is Dr. Phillip L. Coule at MCG ext 7144.

Grading System: ABCDF



**EMED5085. Phase I**  
**Elective: Freshman**  
**Elective in Emergency**  
**Medicine**

1 credit hours

*Prerequisite: None*

Students will shadow a senior student or emergency medicine resident in the initial assessment and management of undifferentiated patients. There will be interaction with the attending physician on all patients. Activities will be entirely clinical.

Grading System: Satisfactory/Unsatisfactory

---

**EMED5085W. Phase I**  
**Elective: Introduction to**  
**Wilderness Medicine**

1 credit hours

*Prerequisite: None*

Weekly seminars will be conducted by the Emergency Medicine physicians on a wide variety of topics encompassed by the expanse of Wilderness Medicine. Subjects covered will include envenomations, altitude illness, heat and cold injuries, water purification, traveler's diarrhea, and dive medicine, etc. Subjects covered can be tailored to group interest and experience.

Grading System: Satisfactory/Unsatisfactory

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**EMED5085WM. Phase II**  
**Elective: Introduction to**  
**Wilderness Medicine**

1 credit hours

*Prerequisite: None*

Weekly seminars will be conducted by the Emergency Medicine physicians on a wide variety of topics encompassed by the expanse of Wilderness Medicine. Subjects covered will include envenomations, altitude illness, heat and cold injuries, water purification, traveler's diarrhea, and dive medicine, etc. Subjects covered can be tailored to group interest and experience.

Grading System: Satisfactory/Unsatisfactory

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**FMP5000. Basic Clerkship Family Medicine**

15 credit hours

*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

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**FMP5085A. Phase I  
Elective: Continuity  
Clerkship in Family  
Medicine**

1 credit hours

*Prerequisite: None*

It is the goal of the Family Medicine clerkship elective to assist the student in confronting and dealing with the intense experiences which are part of the process of becoming a physician as well as the realistic application of technical knowledge and skills to the practice of medicine. The student will have the opportunity to (1) be exposed to role models demonstrating good doctor/patient relationships; (2) apply basic science knowledge to patient problems; (3) learn interviewing skills by observation and practice; (4) improve physical diagnosis techniques; (5) observe and practice office procedures and skills (veni puncture, suturing and EKG); (6) learn various aspects of longitudinal care; (7) present patient problems to faculty; and (8) enter into problem solving process with fellow students and faculty.

Grading System: Satisfactory/Unsatisfactory

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**FMP5085C. The Spirit  
Catches You**

1 credit hours

*Prerequisite: None*

An overall view of the cultural clashes that exist between patient culture and the culture of medicine. Applications of explanatory models will be applied to local cultures and/or those selected by students.

Grading System: Satisfactory/Unsatisfactory

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**FMP5085G. Geriatric  
Medicine/Geriatric Psychiatry**

1 credit hours

*Prerequisite: None*

A study in common medical and psychiatric problems. Students learn the basics of the mental status exam and physiological changes occurring with normal aging.

Grading System: Satisfactory/Unsatisfactory

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**FMP5085H. Phase I**

**Elective: Salvation Army  
Homeless Medical Clinic  
Elective**

1 credit hours

*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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## **ITD5008. USMLE Step 1 Preparation Elective**

1 credit hours

*Prerequisite: Phase I and Phase II*

This elective is designed for those students who have experienced difficulty in passing USMLE Step1. The elective will be tailored to each individual student's needs. Students are required to submit a written study plan to include: 1) preparation strategies and resources to be used and 2) study schedule with the number of preparation hours per day and the specific topics covered. Students must demonstrate communication with their faculty advisor on a weekly basis. Grading is pass/ fail. Students must meet all the requirements to successfully pass the elective. This elective is by arrangement only. (Dr. T. Andrew Albritton, Associate Dean for Curriculum)

Grading System: Pass/Fail

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## **ITD5009. USMLE Step 1 Preparation Elective**

1 credit hours

*Prerequisite: Phase I and Phase II*

This elective is designed for those students who have experienced difficulty in passing USMLE Step1. The elective will be tailored to each individual student's needs. Students are required to submit written study plan to include: 1)preparation strategies and resources to be used and 2) study schedule with the number of preparations hours per day and the specific topics covered. Students must demonstrate communication with their faculty advisor on a weekly basis. With the board review course of their choice as part of the elective. Grading is pass/fail. Students must meet all the requirements to successfully pass the elective. This elective is by arrangement only. (Dr. T. Andrew Albritton, Associate Dean for Curriculum)

Grading System: Pass/Fail

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## **ITD5085. Phase I Elective: Pathophysiology: Clinical Correlates and Molecular Medicine**

1 credit hours

*Prerequisite: None*

This seminar will use clinical case discussions to analyze topics in pathophysiology that relate to molecular mechanisms of disease. Sessions will include case discussions and analysis of relevant journal articles.

Grading System: Satisfactory/Unsatisfactory

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**ITD5085A. Phase I Elective:  
Seminars in Complementary  
and Alternative Medicine**

1 credit hours

*Prerequisite: None*

Elective will consist of five to six sessions with guest speakers. Speakers will talk about their backgrounds and training, their areas of practice, and how their fields of healing complement conventional therapies. Areas of interest will include chiropractic, osteopathic, herablism, massage therapy, aromatherapy and others. Students must attend at least four sessions for credit.

Grading System: Satisfactory/Unsatisfactory

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**ITD5085B. Phase I  
Elective: Spirituality and  
Religion in Medicine**

1 credit hours

*Prerequisite: None*

This class will provide a survey of health-care related issues in several major world religions, such as Christianity, Islam, Judaism, Hinduism, and Buddhism, as well as a few lesser-known ones. This general background will enable students to serve as more informed, compassionate, and effective physicians through a more wholistic approach to their patients.

Grading System: Satisfactory/Unsatisfactory

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**ITD5085C. Beyond the Path Report**

1 credit hours

*Prerequisite: None*

This course will focus on issues surrounding end of life care. Through the use of lecture, small group discussion, and hospice patient interaction, the students will gain skills and knowledge of effective palliative & hospice care.

Grading System: ABCDF

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**ITD5170. Neuroscience**

6 credit hours

*Prerequisite: First year standing in the School of Medicine.*

An integrated course covering the structure and function of the human nervous system, with an introduction to clinical applications. The Departments of Cell Biology and Anatomy, Physiology and Endocrinology, Neurology, and the Division of Neurosurgery participate.

Grading System: ABCDF

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## **ITD5250. Medical Microbiology**

12 credit hours

*Prerequisite: Completion of Phase I*

This course combines principles of immunology, medical microbiology and infectious diseases.

Grading System: ABCDF

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## **ITD5260. Introduction To Clinical Medicine**

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.

Grading System: ABCDF

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## **ITD5295. National Board Review**

4 credit hours

*Prerequisite: Completion of Phase I*

A systematic review for the USMLE Step I examination

Grading System: Satisfactory/Unsatisfactory

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## **ITD5540. Basic Science Review**

1 - 12 credit hours

*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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**MED5000. Basic Clerkship Medicine**

10 credit hours

*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

**MED5009. Migrant and Under Served Health Care Electives**

7 credit hours

*Prerequisite: MED 5000*

Students will accompany the Southeast Regional Care Corporation unit to the field to participate in the medical care of migrant farm workers and other under served and uninsured individuals. Further development of students' clinical, diagnostic decision making, and patient management skills are emphasized. In addition, students will learn about running a clinic and gain an understanding of coding and billing procedures and Medicaid/Medicare requirements and regulations. This elective is by arrangement only. (T. Andrew Albritton, MD)

Grading System: ABCD

**MED5085B. Introduction to Clinical Cardiology**

1 credit hours

*Prerequisite: None*

The elective will emphasize the clinical application of cardiovascular anatomy and physiology. Student will be given an opportunity to apply basic science knowledge to different aspects of clinical cardiology.

Grading System: ABCDF

**MED5085C. Phase I Elective:  
Cancer Biology/Cancer  
Treatment**

1 credit hours

*Prerequisite: None*



The objective of this course is to discuss with a group of medical students our current understanding of the molecular mechanisms involved in the development of a variety of cancers, such as cancer of the breast, colon, lung, ovary and prostate. Topics may include cancer risk factors, the molecular basis of cancer treatment, treatment options, possible improvements of patient outcomes, as well as cancer prevention. The importance of continuing cancer research will also be emphasized. It is hoped that this course will provide strong incentive to some students to learn more about the challenges that our nation faces in fighting cancer, and may motivate them to become oncologists and/or cancer research scientists.

Grading System: Satisfactory/Unsatisfactory

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**MED5085D. Dermatology Experience**

1 credit hours

*Prerequisite: None*

Students will be exposed to patients in the Dermatology clinic, followed by discussion of Dermatologic conditions and treatments. Students will also observe various procedures.

Grading System: ABCDF

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**MED5085R. Phase I Elective:  
Clinical Rheumatology**

1 credit hours

*Prerequisite: None*

Student will accompany the attending to the clinic and will observe history and physicals as well as procedures.

Grading System: Satisfactory/Unsatisfactory

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**MED5085S. Phase I Elective:  
Introduction to Spanish in Medical  
Practitioners**

1 credit hours

*Prerequisite: None*

A basic course in commonly used medical terms in Spanish.

Grading System: Satisfactory/Unsatisfactory

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**NEU5000. Basic Clerkship in Neurology**

10 credit hours

*Prerequisite: Successful completion of Phase II*

This four week clerkship provides an introduction to general neurological problems through direct supervised patient management. The acquisition of basic skills in history taking and physical diagnosis of neurological patients are stressed. Emphasis is placed on the ability to assimilate historical information and physical findings to diagnose an existing neurological lesion. The recognition and management of neurological lesion. The recognition and management of neurological emergencies is included.

Grading System: ABCDF

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**NEU5085. Phase I Elective: Clinical Neurology: Approach to Patients and Tests**

1 credit hours

*Prerequisite: None*

The course will consist of a combination of didactic lectures and clinical experience in the MCG outpatient and inpatient settings

Grading System: Satisfactory/Unsatisfactory

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**NEU5085J. Phase I Elective: Jewish Medical Ethics**

1 credit hours

*Prerequisite: None*

Contemporary medical problems will be discussed and how they relate to Jewish law. Each week a specific medical issue will be discussed and how it relates.

Grading System: Satisfactory/Unsatisfactory

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**NEU5085S. Phase I Elective: Sleep Disorders**

1 credit hours

*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**

10 credit hours

*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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**OBG5085. Real Life Gynecology I**

1 credit hours

*Prerequisite: None*

The elective will be comprised of clinical encounters under the direction of a GYN faculty member as well as didactic content. Clinical encounters will consist of shadowing the GYN physician and participating as a team member. The didactic components are designed to prepare students to address specific clinical situations which are encountered in Women's Health Care.

Grading System: Satisfactory/Unsatisfactory

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**OPH5085. Introduction to the  
Practice of Ophthalmology**

1 credit hours

*Prerequisite: None*

This elective is an introduction to the field of Ophthalmology. Students will have opportunity to observe the daily outpatient clinical practice, instrumentation and surgery. Students will learn to develop basic exam skills.

Grading System: Satisfactory/Unsatisfactory

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**OPH5210. Ophthalmology**

1 credit hours

*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

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**PTH5024. Gastrointestinal Plathology**

7 credit hours

*Prerequisite: Phase II*

The elective is designed for students to participate in all aspects of diagnostic GI liver pathology service at MCG during his/her allotted time. Specific one-to-one histopathologic instruction will be tailored to the student's field of greatest interest, e.g., liver biopsy interpretation of hepatitis. This will include, but is not limited to, review of Dr. Vartanian's GI liver study slides. The student may elect to embark on a research project, which he/she is expected to complete.

Grading System: ABCDF

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**PTH5085. Phase I Elective:  
Basic Cardiovascular  
Pathology**

1 credit hours

*Prerequisite: None*

This elective is designed for students who might choose pathology, cardiology or cardiovascular surgery as career track subspecialties. Practice correlations between invasive and non-invasive diagnostic techniques commonly used in clinical cardiology and using the gross and histomorphologic findings of current cases of the MCG/VAMC Heart Registry-Surgical Pathology and Autopsy cases in acquired and congenital heart diseases will be stressed. Students will be encouraged to formulate a project which could lead to a publication.

Grading System: Satisfactory/Unsatisfactory

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**PTH5085C. Phase I Elective:  
Cancer Cytogenetics**

1 credit hours

*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

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**PTH5085G. Phase I Elective:  
Gastrointestinal Pathology/Hepatic  
Pathology**

1 credit hours

*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

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**PTH5085H. Phase I**

**Elective: Hematology in  
General Medical Practice**

1 credit hours

*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

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**PTH5085P. Phase I**

**Elective: Phlebotomy**

1 credit hours

*Prerequisite: None*

This elective is designed for students who wish hands-on instruction and practice in obtaining blood specimens for laboratory examination. Primary emphasis is on proper patient identification, venous and capillary collection and specimen handling. Practical experience includes collections mostly from ambulatory patients.

Grading System: Satisfactory/Unsatisfactory

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**PTH5240. Pathology**

12 credit hours

*Prerequisite: Completion of Phase I*

Introduction to human diseases through small-group study of individual cases with guidance by the teaching faculty. Emphasis is on understanding the pathogenesis of structural changes at the gross, microscopic and ultrastructural level and changes at the gross, microscopic and ultrastructural level and correlation with the resulting alterations of laboratory and clinical data. Approximately 80 cases with gross material, selected microscopic slides, clinical laboratory data and other data are divided into four categories: hemodynamic, neoplastic, inflammatory, and genetic/metabolic/environmental. Groups of about 16 students meet with an instructor in a laboratory module to learn by analysis and presentation of the case material. Lectures are used to introduce the students to the major diseases

Grading System: ABCDF

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**PED5000. Basic Clerkship in Pediatrics**

15 credit hours

*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

**PED5027. Neonatology Sub-Internship (Special Elective)**

10 credit hours

*Prerequisite: PED 5000*

The objective of the Neonatology Sub-Internship is to give the student an understanding of the practice of Neonatology. The student will be offered the opportunity to provide supervised primary care to neonates in the NICU with responsibilities similar to the NICU resident on a limited number of patients. The clinical experience will be supplemented with a core neonatal lecture series and individualized conferences with the Neonatologist. Students electing this elective should have interest in Pediatrics, Neonatology, Perinatal Medicine, Obstetrics of Intensive Care. Arrangements should be made by contacting the Perinatal Administrator Glenda Driskell at 706/571-1692.

Grading System: ABCD

**PED5028. Pediatric Specialty (Special Elective)**

7 credit hours

*Prerequisite: PED 5000*

This elective will provide the student with experiences in (a) Pediatric Cardiology, (b) Pediatric Gastroenterology, and (c) Pediatric Hematology/Oncology. (1) In Pediatric Cardiology, the student will attend outpatient pediatric cardiology clinics one or two days per week. At the end of the elective the student should be able to describe the components of the normal and abnormal pediatric cardiac examination, discuss the events of the cardiac cycle as they relate to the hemodynamics of congenital heart disease and discuss the evaluation and treatment of patients with palpitations, chest pain or syncope. (2) In Pediatric Gastroenterology, the student will attend pediatric gastroenterology clinic on or two days a week. The student will follow inpatient gastroenterology patients with the attending physician. The student will also observe endoscopic procedures and during the month will prepare a pertinent topic for



discussion. (3) In Pediatric Hematology/Oncology the student will follow inpatient and outpatient hematology/oncology patients and consults. The student will be exposed to a wide variety of common pediatric hematologic disorders. The student will gain experience in performing lumbar punctures and bone marrow aspirates. Arrangements should be made by contacting the Pediatric Department Secretary, Elaine Baker at 706/571-1220.

Grading System: ABCD

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**PED5085. Phase I Elective:  
Students in Community  
Involvement**

1 credit hours

*Prerequisite: None*

Students for Community Involvement (SCI) is a two-part elective focused on teaching first and second year medical students principles of preventive cardiology and then giving students an opportunity of going into classrooms throughout the state of Georgia to spread the word about preventive medicine. As part of the elective, there are a series of noon-time "Eat and Learn" lectures on cardiovascular disease, elucidating the role of nutrition, exercise, and smoking in the disease process.

Grading System: Satisfactory/Unsatisfactory

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**PED5085C. Phase I  
Elective: Pediatric  
Cardiology**

1 credit hours

*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

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**PED5085D. Developmental  
Pediatrics**

1 credit hours

*Prerequisite: None*

The student will see children in the Special Child Clinic. They will be a part of the evaluations with the team decision making process. They will have opportunity to observe children with autism, cerebral palsy, behavior problems, development delay and school problems.

Grading System: Satisfactory/Unsatisfactory

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**PED5085E. Phase I Elective: Fetal  
Echocardiography**

1 credit hours

*Prerequisite: None*

Students will attend echocardiography lectures for pediatric cardiology and learn how to make measurements in preparation for summer research.

Grading System: Satisfactory/Unsatisfactory

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**PED5085G. Clinical Genetics**

1 credit hours

*Prerequisite: None*

Students will learn about the evaluation of patients with genetic disorders, birth defects, and metabolic disease. Students will learn about genetic testing including spending times in chromosome lab, seeing their own Karyotype performed if they wish. Students will participate in patient clinic visits as an observer and will learn and observe genetic counseling sessions.

Grading System: ABCDF

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**PED5085H. Phase I Elective: Pediatric  
Hematology/Oncology**

1 credit hours

*Prerequisite: None*

This elective will introduce the student to clinical pediatric hematology/oncology. The diagnosis of cancer and blood diseases in children will be illustrated by pertinent history, physical findings, blood and bone marrow smears. The special hematology laboratory will be visited, and we will learn about old and new technology. There will be demonstrations of venipuncture, spinal tap and bone marrow aspiration and needle biopsy.

Grading System: Satisfactory/Unsatisfactory

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**PED5085I. Introduction to  
Integrative Medicine**

1 credit hours

*Prerequisite: None*

A study in the practice of utilizing the best and most effective healing modalities from "Complementary" or "Alternative" Medicine in conjunction with conventional, or "Western" medicine.

Grading System: Satisfactory/Unsatisfactory

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**PED5085L. Phase I Elective:  
Communicating with Children**

1 credit hours

*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

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**PED5085N. Phase I Elective: Neonatal  
Physiology and Pathophysiology**

1 credit hours

*Prerequisite: None*

Neonatal physiology.

Grading System: Satisfactory/Unsatisfactory

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**PED5085P. Phase I Elective:  
Clinical Experience in  
Pediatric Pulmonology**

1 credit hours

*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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**PED5085T. Telemedicine Asthma Clinic**

1 credit hours

*Prerequisite: None*

Student will become familiar with use of otoscope, stethoscope, ophthalmoscope on both sending and receiving end of telemedicine camera/monitors. Examples of current state of knowledge and treatment of allergic disease and asthma will also introduce the student to interpreting pulmonary function studies and use of anti-inflammatory therapies.

Grading System: ABCDF

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**PHM5270. Pharmacology/Toxicology**

7 credit hours

*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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**PHY5085. Phase I Elective:  
Psychoneuroimmunology and Mind-Body  
Medicine**

1 credit hours

*Prerequisite: None*

Each student will be expected to share his or her own life's story with the rest of the group and to report on a paper dealing with some aspect of psychoneuroimmunology or mind-body medicine. Guest lecturers will share aspects of their stories and talk about mind-brain-body interactions, Sufi and Buddhist style meditation, yoga, and the medical-spiritual interface.

Grading System:  
Satisfactory/Unsatisfactory

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**PHY5150. Physiology**

11 credit hours

*Prerequisite: First-year standing in School of Medicine*

A one semester course presenting an intensive treatment of mammalian organ system physiology including the cell, electrophysiology, peripheral nerve and reflexes, muscle, cardiovascular, respiration, body fluids, kidney, gastrointestinal and endocrine.

Grading System: ABCDF

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**PSY5000. Basic Psychiatry**

15 credit hours

*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**

1 credit hours

*Prerequisite: None*

Students will be exposed to the assessment and treatment of anorexia nervosa, bulimia nervosa and various other feeding disorders. Experience may include initial evaluations, consultations within the Children's Medical Center and MCG Hospital and observation of individual, group and family therapy with patients presenting the aforementioned diagnoses.

Grading System: Satisfactory/Unsatisfactory

**PSY5085P. Really Neat Stuff in Psychiatry!**

1 credit hours

*Prerequisite: None*

A study of interesting aspects in normal and abnormal psychology and how they are presented in, and are relevant to, everyday life.

Grading System: Satisfactory/Unsatisfactory

**PSY5160. Behavioral Science/Psychiatry I**

4 credit hours

*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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**SUR5000. Basic Clerkship in Surgery**

15 credit hours

*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

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**SUR5015. Tutorial in the History of Medicine  
(Special Elective-Green Sheet)**

5 credit hours

*Prerequisite: Months Offered: August through June*

The student will perform research on a selected topic in the history of medicine. He/she will meet regularly with Dr. Nesbit for discussion and will prepare a paper suitable for submission for presentation/publication. Elective must be approved by Dr. Robert Nesbit. (BB-4513A, Ext. 4761)

Grading System: ABCDF

---

**SUR5085. Phase I  
Elective: Surgical  
Basic Skills**

1 credit hours

*Prerequisite: None*

This elective is designed to expose the student to basic surgical skills. These are skills commonly used by both surgeons and non-surgeons. In the first two hour session, the student will learn to tie a two handed square knot. In the second session the student will learn more advanced knot tying skills and some basic suturing techniques. The student receives a knot tying board and manual.

Grading System: Satisfactory/Unsatisfactory

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**SUR5085A. Orthopedic Surgery**

1 credit hours

*Prerequisite: None*

Student will observe various orthopaedic surgeries once a week.

Grading System: Satisfactory/Unsatisfactory



**SUR5085C. Introduction to Cardiovascular Laboratory Research**

1 credit hours

*Prerequisite: None*

The student will be exposed to the basic science research in the cardiovascular field. The student will observe and participate directly in the animal preparations, data recording, and interpretations of results. This elective will provide introductory exposure to basic laboratory research in the cardiovascular field.

Grading System: Satisfactory/Unsatisfactor

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**SUR5085N. Early Exposure to Neurosurgery**

1 credit hours

*Prerequisite: None*

Students will get exposure to various neurosurgical procedures with emphasis on the anatomy and basic pathophysiology.

Grading System: Satisfactory/Unsatisfactor

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**SUR5085O. Phase I Elective: Introduction to Otolaryngology**

1 credit hours

*Prerequisite: None*

Exposure to patients in clinic or operating room.

Grading System: Satisfactory/Unsatisfactory

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**SUR5098C. Pediatric Cardiothoracic Surgery**

1 credit hours

*Prerequisite: None*

The objective of this elective is to give the student a broad exposure to the surgical management of congenital heart disease by exposing the student to pre-op evaluations, surgeries, and post-op care of patients.

Grading System: ABCDF

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Medical College of Georgia

# School of Medicine

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You have reached an important step in your career development. For the first three years, you have had minimal input into the design of your academic program. However, for your senior year, you and your advisor will design the most appropriate curriculum to round out your undergraduate education. While the ultimate choice of electives is up to you and your advisor, we have several recommendations. All individuals in the Curriculum Office are more than happy to assist you in any way possible as you proceed through this final step of your undergraduate education.



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Please email comments, suggestions or questions to:  
Teresa Smith, [tdsmith@mail.mcg.edu](mailto:tdsmith@mail.mcg.edu).

January 07, 2002

Medical College of Georgia

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## Department of Anesthesiology

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Professors: R. Crumrine, M.D., D. Martin, M.D. (Interim Chairman), E. Betts, M.D., J. Johnston, M.D.; Associate Professors: D. Cross, M.D., R. Dennison, M.D., S. Dubin, M.D., R. Finnegan, M.D., W. Mathews, M.D.; Assistant Professors: S. Bari, M.D., B. Caldwell, M.D., S. Gillespie, M.D., M. Hadsell, M.D., J. Molinaro, M.D., S. Redd, M.D., M. Vigoda, M.D., T. Weatherred, M.D., W. Lawson, M.D., D. McMillon, M.D., C. Ramia, M.D., R. Bellam, M.D., E.

Bobadilla, 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. S. Gillespie 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*

#### Electives in:

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**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

**Enrollment** 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** July through April

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 5006** Ambulatory Anesthesia Elective

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	1 Maximum
<b><i>Prerequisites</i></b>	<i>ANS 501</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	1 Maximum
<b><i>Prerequisites</i></b>	<i>ANS 501</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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. Preferences given to students going into an anesthesiology or pediatric residency. (CMC Anesthesiology Staff)

#### **ANS 5008** Pain Management Elective

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	1 Maximum
<b><i>Prerequisites</i></b>	<i>None</i>
<b>Months Offered</b>	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 and Dr. Finnegan)

**ANS 5009 Cardiovascular and Thoracic Anesthesiology Elective**

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>None</i>
<b>Months Offered</b>	July through June

The elective includes anesthesia management of adult patients undergoing major surgery of the heart and aorta, as well as thoracic procedures. Special emphasis will be on preoperative evaluation and intraoperative management of patients with ischemic and valvular heart disease, vascular disease and pulmonary disease. It is an opportunity for students to participate in advanced anesthetic techniques such as placement of invasive monitoring, meticulous control of hemodynamics, anticoagulation and reversal, cardiopulmonary bypass, pharmacologic and mechanical support of circulation, and one-lung ventilation. The student will attend all scheduled teaching seminars and conferences. (Drs. Bari and Weatherred)

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Teresa Smith, [tdsmith@mail.mcg.edu](mailto:tdsmith@mail.mcg.edu).

January 15, 2002

**Department of Biochemistry and Molecular Biology**[Message from the Associate](#)[Dean](#)[General Information](#)[Required Clerkships](#)[Community Hospitals](#)[Rotation Schedule 2001-2002](#)[Phase III Course Directors](#)[Drop and Add Dates](#)[Campus Directories](#)**Electives in:**[Anesthesiology](#)[Biochemistry and Molecular  
Biology](#)[Cellular Biology and Anatomy](#)[Emergency Medicine](#)[Family Medicine](#)[Interdepartmental Electives](#)[Neurology](#)[Medicine](#)[Obstetrics and Gynecology](#)[Ophthalmology](#)[Pathology](#)[Pediatrics](#)[Pharmacology and Toxicology](#)[Physiology](#)[Psychiatry](#)[Radiology](#)[Surgery](#)**BMB 5001** Tutorial Elective in Biochemistry and Molecular Biology  
(*Special Elective—Green Sheet*)**Location** MCG, Dept. of Biochemistry and  
Molecular Biology**Enrollment** As allowed by Department**Prerequisites** *BMB 5120***Duration** One to Three Months**Months Offered** By Arrangement

Students may 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 5120***Duration** One to Three Months**Months Offered** By Arrangement

Students may arrange to join the research program being conducted by faculty in the Department of BMB. A list of faculty and their ongoing research projects is available in the department office. Time and credit hours to be arranged. (Dr. F. Leibach)

**BMB 5003** Elective in Medical Genetics  
(*Special Elective—Green Sheet*)

<b>Location</b>	MCG, Dept. of Biochemistry and Molecular Biology
<b>Enrollment</b>	As allowed by Department
<b><i>Prerequisites</i></b>	<i>BMB 5120</i>
<b>Duration</b>	One to Three Months
<b>Months Offered</b>	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*)

<b>Location</b>	MCG, Dept. of Biochemistry and Molecular Biology
<b>Enrollment</b>	1-2 Students
<b><i>Prerequisites</i></b>	<i>BMB 5120</i>
<b>Duration</b>	One to Three Months
<b>Months Offered</b>	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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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. Thomas F. Gale and Cell Biology Anatomy Faculty)

**ANM 5002** Research Elective in Anatomy  
***(Special Elective—Green Sheet)*****Location** MCG, Department of Cellular Biology and Anatomy**Enrollment** **2 Maximum** per faculty member**Prerequisites** *Approval by Faculty Member with whom research will be done***Duration** One to Two Months**Months Offered** By Arrangement

Opportunity to participate in research programs being conducted by members of the faculty of the Department of Cellular Biology and Anatomy. Arrangements to be made by the students with a member of the faculty. (Dr. Atherton)

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## Department of Emergency Medicine

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### EMED 5001 Emergency Medicine Clerkship

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	15 Maximum
<b>Prerequisites</b>	<i>Core Curriculum</i>
<b>Duration</b>	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. A short presentation is also required. 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*)

<b>Location</b>	One of several participating hospitals
<b>Enrollment</b>	Maximum 1 per location
<b>Prerequisites</b>	<i>Core Curriculum</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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 5001 in all aspects except for

the location. The schedule includes approximately 9 hours of daily patient contact five days a week (180 hours total). Contact person in Emergency Medicine is Dr. Hartmut Gross at MCG Ext. 3365.

**EMED 5003** Pediatric Emergency Medicine Clerkship  
*(Special Elective—Green Sheet)*

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	2 Maximum
<b>Prerequisites</b>	<i>Core Curriculum</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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 Coordinator: Diana Griffin, Ext. 3365.

**EMED 5004** Research in Emergency Medicine  
*(Special Elective—Green Sheet)*

<b>Location</b>	MCG Department of Emergency Medicine
<b>Enrollment</b>	1 Maximum per faculty member
<b>Prerequisites</b>	<i>Approval by faculty member with whom research will be done</i>
<b>Duration</b>	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.

**EMED 5005** Emergency Medicine Externship Off Campus  
**(Special Elective–Green Sheet)**

<b>Location</b>	Off campus elective
<b>Enrollment</b>	1 Maximum per location
<b>Prerequisites</b>	<i>Core Curriculum and EM 5001 or 5002</i>
<b>Duration</b>	4 Weeks (1 Month)
<b>Months Offered</b>	July through June

This is a special off-campus rotation. It will be arranged by the student with an off site hospital which accepts off campus students for Emergency Medicine rotation. The rotation will include 9 hours of patient contact in addition to didactic sessions offered by the site. Teaching materials will be provided by the chosen facility and an examination at the end of the rotation may be required depending on the selected site. This rotation may only be taken after successfully completing EM 5001 or EM 5002. The special request green sheet will need to be completed and submitted for final approval. Contact person in Emergency Medicine is Dr. Hartmut Gross at MCG ext. 1-3365.

**EMED 5006** Disaster and International Emergency Medicine  
**(Special Elective–Green Sheet)**

<b>Location:</b>	CDC in Atlanta, GA
<b>Enrollment:</b>	5 Maximum
<b>Prerequisites:</b>	None
<b>Months Offered:</b>	July through June

This elective is designed to familiarize students with emergency preparedness and response to a variety of natural and technical disasters including terrorism. Students will 1) gain a basic understanding of national, state, and local health response to natural and other disasters, 2) gain a basic understanding in evaluating emergency preparedness in the U.S. or abroad, 3) become familiar with biological and chemical agents which may be used in terrorism. The student's experience will include reviewing the most recent data on current natural disasters, observing decision-making in emergency response to disasters, and observing the operations of the Emergency Response Group of the CDC. Students will read and review articles on disaster and international medicine, emergency management, preparedness, and response. Students will choose an area of interest, complete in-depth readings and participate in ongoing research. A final presentation about the area of interest and research will be presented at the Emergency Medicine Resident's Conference for faculty review. Computer

programs are available to assist in their final presentation. Evaluations will be based on the quality of the final presentation, level of interest, enthusiasm, and participation in group discussions and assigned readings. Contact person in Emergency Medicine is Dr. Phillip L. Coule at MCG ext 7144.

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The Medical Center of Central Georgia, Macon, GA  
(*Special Elective*)**Location** Family Practice Residency Program The  
Medical Center of Central Georgia  
Macon, GA**Enrollment** 1 Minimum 1 Maximum**Prerequisites** *Completion of Core Rotations***Months Offered** July through June

This elective is structured as a subinternship with the Department of Family Practice. Activities include intensive hands-on direct responsibility for the continuing and comprehensive care of patients in both the ambulatory and inpatient settings, under close supervision from faculty and advanced residents. Also included are a range of clinical conferences and brief exposures to rural family practice and to nursing home care. Ambulatory clinic experiences in other specialty/subspecialty areas of particular interest to the student can be individually arranged. For further information contact: Dr. William Bina, Clerkship Director, Department of Family Practice, The Medical Center of Central Georgia, Macon, GA. Telephone: (478)784-3587. Participation in this elective must be arranged through the Department of Medical Education. Contact: Pam Childress, Coordinator (478)633-1063. (Participation in this elective must be approved by the Department of Family Medicine, MCG. Contact Medical Student Coordinator, ext. 1-4075.)

**FMP 5002** Family Medicine Public Health Elective  
(*Special Elective*)**Location:** Aiken County Health Dept., Aiken, SC**Enrollment:** 1 Minimum 2 Maximum**Prerequisites:** *None***Duration:** 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)*

<b>Location</b>	Private Practices across the State of Georgia
<b>Enrollment</b>	1 Minimum 1 Maximum
<b>Prerequisites</b>	<i>None</i>
<b>Duration</b>	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)*

<b>Location</b>	Off Campus or Dept. of FMP, MCG
<b>Enrollment</b>	Maximum 1 at any one location.

<b>Prerequisites</b>	None
<b>Duration</b>	One to two months
<b>Months offered</b>	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*)

<b>Location</b>	Tri-County Health System, Inc., Sparta, GA
<b>Enrollment</b>	1 Minimum, 1 Maximum
<b>Prerequisites</b>	<i>FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000</i>
<b>Duration</b>	One Month
<b>Months offered</b>	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*)

<b>Location</b>	Georgia War Veterans Nursing Home, Medical College of Georgia
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<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>FMP 5000 or MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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*)

<b>Location</b>	Family Practice Residency Program Department of Family Practice Floyd Medical Center, Rome, GA
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	July through November and January through June

This elective with the Family Practice Residency Training Program of the Floyd Medical Center in Rome, Georgia, provides the student with clinical experience in both ambulatory and inpatient settings of Family Practice. Concepts of comprehensive and longitudinal health care will be emphasized. In addition to the clinical exposure, the student will also participate in daily group and individual teaching sessions.

Availability of quarters and meals should be discussed with Dr. Randy Robinson, M.D., Director, Family Practice Residency Training Program, Floyd Medical Center, Rome, Georgia. Telephone: (706) 292-3901. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact Medical Student Curriculum Coordinator, Ext. 4075).

**FMP 5008\*** Family Practice Residency Externship, The Medical Center, Columbus, GA  
*(Special Elective)*

<b>Location</b>	Family Practice Residency Program The Medical Center, Columbus, GA
<b>Enrollment</b>	1 Minimum 1 Maximum
<b>Prerequisites</b>	<i>FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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)*

<b>Location</b>	Family Practice Program, Memorial Medical Center, Savannah, Georgia
<b>Enrollment</b>	1 Minimum 1 Maximum

<b>Prerequisites</b>	<i>FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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**)

<b>Location</b>	TriCounty Health System, Inc., Warrenton, Crawfordville and Gibson Dept. of Family Medicine
<b>Enrollment</b>	1 Minimum 1 Maximum
<b>Prerequisites</b>	<i>FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000</i>
<b>Duration</b>	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)*

<b>Location</b>	Family Medicine Inpatient Service, Medical College of Georgia Hospital, Dept. of Family Medicine, Medical College of Georgia, Augusta, GA
<b>Location</b>	Family Medicine, Medical College of Georgia, Augusta, GA
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>FMP 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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)*

<b>Location</b>	Department of Family Practice, The Medical Center, Columbus, GA
<b>Enrollment</b>	1 Minimum 2 Maximum

<b>Prerequisites</b>	<i>FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000</i>
<b>Duration</b>	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*)

<b>Location</b>	Southwest Georgia Family Practice Residency Program, Phoebe Putney Memorial Hospital, 500 Third Avenue, Suite 103, Albany, Georgia 31702
<b>Enrollment</b>	1 Minimum 1 Maximum
<b>Prerequisites</b>	<i>FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000</i>
<b>Duration</b>	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 with Thomas Graf, M.D., Director of Southwest Georgia Family Practice Residency Program, Telephone number (229) 312-8871. (Participation in this elective must be arranged through and approved by the Department of Family Medicine, Medical College of Georgia; contact Medical Student Curriculum Coordinator, extension 4075.)

**FMP 5014\*** Family Practice Residency Externship, Morrow, GA  
(*Special Elective*)

<b>Location</b>	Georgia Baptist Medical Center, Family Practice Residency Program, 1000 Corporate Center Drive, Suite 200, Morrow, Georgia 30260
<b>Enrollment</b>	0 Minimum 2 Maximum
<b>Prerequisites</b>	<i>FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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*)

<b>Location</b>	Department of Family Medicine, MCG
<b>Enrollment</b>	1 Minimum 1 Maximum



<b>Prerequisites</b>	None
<b>Duration</b>	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*)**

<b>Location</b>	Blackshear Family Practice, Okefenokee Satilla Regional Family Practice Residency Program, Satilla Regional Medical Center, 410 Darling Avenue, Waycross, GA 31501
<b>Enrollment</b>	0 Minimum 1 Maximum
<b>Prerequisites</b>	<i>FMP 5000, MED 5000, PSY 5000, OBG 5000, PED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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 the Residency Program Coordinator (912/287-4168). (Participation in this elective must be arranged through and approved by the Department of Family

Medicine, Medical College of Georgia; contact the Medical Student Curriculum Coordinator, ext. 4075.)

**FMP 5017** Complementary and Alternative Medicine  
(*Special Elective*)

<b>Location</b>	MCG and Selected Complementary/ Alternative Practices located in Georgia
<b>Enrollment</b>	0 Minimum 4 Maximum
<b>Prerequisites</b>	<i>None</i>
<b>Duration</b>	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*)

<b>Location</b>	Salvation Army Medical Center, 1384 Greene Street, Augusta, GA 30901
<b>Enrollment</b>	0 Minimum 2 Maximum
<b>Prerequisites</b>	<i>None</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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:  
Teresa Smith, [tdsmith@mail.mcg.edu](mailto:tdsmith@mail.mcg.edu).

November 09, 2001

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## Interdepartmental Elective

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**ITD 5001** Clinical Clerkship in the Department of Physiology  
(*Special Elective*)

**Location** Hamilton Wing, Office on 15th St. and  
University Hospital

**Enrollment** I Minimum 2 Maximum

**Duration** One Month

**Months Offered** September through June

### Electives in:

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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:  
Teresa Smith, [tdsmith@mail.mcg.edu](mailto:tdsmith@mail.mcg.edu).

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One month clerkship experience on the Dermatology service. Students will see inpatients and outpatients at the MCG Hospital and Clinics and also outpatients at Dermatology clinics at Fort Gordon, and VA Hospitals. Students participate in Dermatopathology Conferences, Journal Clubs, and Basic Science Seminars. Supervision will be provided by the full time staff and clinical faculty of the Section of Dermatology and the Dermatology housestaff. (Dr. Jack L. Leshner, Jr.)

**MED 5002** Off-Campus Dermatology  
***(Special Elective–Green Sheet)*****Location** Off-Campus**Prerequisite** *MED 5001*

Off-campus electives may be arranged, with prior approval of the faculty. (Dr. Jack L. Leshner, Jr.)

**MED 5003** Advanced Dermatology ***(Special Elective)*****Location** MCG Hospital and Clinics

<b>Enrollment</b>	One Maximum
<b>Prerequisites</b>	<i>MED 5001</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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*)

<b>Location</b>	MCG Hospital and Clinics, Ft. Gordon and VA Hospital
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>MED 5001 and approval by Section Faculty</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	July through June

One month clerkship experience in dermatologic surgery clinics. A set of required readings in cutaneous oncology will be provided. Students will participate in dermatopathology and basic science conferences as well as journal club. The student will gain histologic experience in cutaneous tumors through participation in Mohs surgery clinics two days per week. Supervision will be provided by the full time faculty and residents in the Section of Dermatology.

**Medicine**

**MED 5000** Basic Clerkship in Medicine

This 12 week core clerkship provides background in the fundamentals, principles and skills of Internal Medicine. Students actively participate in patient care as a member of the health care team. Bedside clinical skills, patient presentations, write-ups, logical approach to diagnostic decision making, as well as accumulation and synthesis of medical knowledge are emphasized. All students spend 8 weeks on inpatient services (at least one month on campus) and one month in the ambulatory or community-based setting.

**MED 5008\*** Acting Internship at VA Hospital

<b>Location</b>	VA Hospital, Augusta, Georgia
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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

<b>Location</b>	D. D. Eisenhower Army Medical Center (DDEAMC)
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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

<b>Location</b>	MCGH
<b>Enrollment</b>	1 Minimum 6 Maximum
<b><i>Prerequisites</i></b>	<i>None</i>
<b>Duration</b>	One or Two Months
<b>Months Offered</b>	July through June

A clinical multidisciplinary experience in the rheumatic diseases with a basic core of material pertinent to major diseases in this area; experience with consulting an clinical material. Special desires for more defined endeavor by the student will be considered. (Drs. Moore and Loeb).

#### **MED 5011\*** Acting Internship at MCG Hospital

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	Maximum 3
<b><i>Prerequisites</i></b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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

<b>Location</b>	MCGH and VAH
<b>Enrollment</b>	1 Minimum 4 Maximum
<b><i>Prerequisites</i></b>	<i>MED 5000</i>
<b>Duration</b>	One or Two Months
<b>Months Available</b>	July through June



Objective: This elective is designed to provide the basics in clinical hematology and medical oncology. In depth study of blood and marrow morphology is emphasized. An approach to diagnosis and management as well as general principles of cancer chemotherapy will be stressed. The importance of interdisciplinary cancer decision making (internist, surgeon, radiation therapist) will be emphasized. Two halfday clinics each week are arranged to emphasize the diagnosis and therapy of common hematologic and oncologic disorders. (Drs. Burgess, Kallab, Jillella, Dainer, and Kutlar).

### **MED 5013 Renal Transplant/Yellow Medicine Elective**

<b>Location</b>	MCGH
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>MED 5000, SUR 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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**

<b>Location</b>	Walton Rehabilitation Hospital, Augusta, Georgia
<b>Enrollment</b>	1 Minimum 1 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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*)**

<b>Location</b>	Department of Adult Cardiology, Lloyd Goodman, M.D., Medical Dir., Memorial Medical Center, Inc., Savannah, GA
<b>Enrollment</b>	Maximum 1*
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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 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**

<b>Location</b>	MCGH
<b>Enrollment</b>	1 Minimum 4 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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

<b>Location</b>	MCGHC
<b>Enrollment</b>	3 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	July through June

The MCG Cardiology elective is an integrated rotation between the cardiology consult service and the special procedure labs. Students time will be divided between the consult service and the labs.

On the consult service the student will be exposed to various cardiovascular diseases in medical and pre- and post-operative surgical in-patients. The student will be part of the consultative team working closely with the cardiology attending and the fellow. Patients will be seen with bedside teaching emphasizing physical and differential diagnosis. The student will be expected to provide references appropriate for each case evaluated. During this time, the student will become familiar with the indications, usefulness and limitations of diagnostic tests and special procedures such as echocardiography, cardiac catheterization, stress testing, electrophysiology studies and nuclear cardiology.

Each week the student will spend one day in one of the special procedures laboratories (cardiac catheterization lab, ECHO lab, electrophysiology labs and Nuclear/stress testing lab.) The appropriate attending and fellow prior to and during the lab day will provide didactic teaching. Students will have an opportunity to see left and right catheterizations, coronary interventions, transthoracic and transesophageal echocardiography, catheter ablations, pacemaker and/or AICD implantations, cardioversions and stress testing. The EKG laboratory will provide EKGs each day to be read with the EKG attending.

Invasive and non-invasive conferences are scheduled throughout the week and journal club is once a month. Students are required to attend conferences. Feedback will be given to the students biweekly from the rotation coordinator. (Drs. Abdulla, S. Ahmed, R. Ahmed, Pasi, Prisant, Robinson, Shah).

### **MED 5018** Cardiology Consultation Service at VA

<b>Location</b>	VA
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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. Wilkins, Pallas, and Cardiology faculty)

**MED 5019** Cardiology at Eisenhower Medical Center (Ft. Gordon)

<b>Location</b>	DDEAMC
<b>Enrollment</b>	1 Minimum 1 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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. Orgera, Noe and Smith)

**MED 5020** Cardiology at VA Acting Internship

<b>Location</b>	VA Hospital, Downtown Division
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month

**Months Offered** July through June

The concentration is on direct patient care and management based on sound approaches to cardiologic diagnosis and management. Students will participate in the care of CCU and Ward patients as well as outpatient follow-up. 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. Wilkins and Cardiology faculty)

**MED 5021** Gastroenterology at MCGH

<b>Location</b>	MCGH
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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

<b>Location</b>	Doctor's Hospital, Augusta
<b>Enrollment</b>	1 Minimum 1 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	July through June

The student will serve as an extern to one physician engaged in the practice of cardiology. This will involve diagnostic workup, rounding on hospitalized patients, and training in the use of invasive and noninvasive techniques of patient study including EKG, fluoroscopy, office and hospital Nuclear Cardiology, treadmill, echocardiography, external pulse recordings, cardiac catheterizations. An 8 bed coronary care unit is heavily utilized and emergency procedures are stressed. (Dr. Mucha)

**MED 5023 Pulmonary Diseases Consult**

<b>Location</b>	MCGH
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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 and Chaudhary)

**MED 5024M Infectious Diseases****MED 5024FT****MED 5024VA****MED 5024UH**

<b>Location</b>	MED5024M-MCG Hospital and Clinics, MED5024FT-Dwight David Eisenhower, Army Medical Center MED5024VA-VA Medical Center MED5024UH-University Hospital
<b>Enrollment</b>	MCG           Maximum 4 VAMC           Maximum 2 DDEAMC       Maximum 1 UH               Maximum 2*
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	July through June

This clinical consultation service provides experience in the diagnosis and management of patients with infections, interpretation of stained specimen cultures and sensitivity data, serology and the appropriate use of antimicrobial and antiviral agents. The elective consists of rounds, clinics and conferences at the MCG Hospital and Clinics, VA Medical Center, and Dwight D. Eisenhower Army Medical Center. Internal Medicine Residents are usually available at VA, MCG and Ft. Gordon hospitals; infectious disease fellows may additionally attend at the VA and MCG hospitals. Daily didactic instruction is provided. On call availability is needed. Students may elect which hospital with preferences honored insofar as possible. MCG and VA physicians routinely make consultation rounds at both the VA Medical Center and MCG Hospital and Clinics concurrently (in the same month). Thus, patients are assigned in rotation, not on the basis of hospital preference during these months. A joint ID problem conference rotates weekly between the four hospitals and is held Friday at 10:00 AM. MCG and VA students routinely attend two clinics weekly: Monday p.m., Tuesday a.m. or Wednesday p.m. (MCG) and Thursday a.m. (VA or MCG). HIV disease is common, particularly in these clinics. The ID office (Ext. 721-2236) can give the students the attendings name for any month after assignments are made.

**MCG/VA:** Drs. J. Peter Rissing (Section Chief), David Haburchak, Cheryl Newman, Malliga E. Ganapathy and Keith Woeltje., Brian Catto, Baxter Craig, John Fisher.

**Ft. Gordon:** Dr. Robert J. Kazragis, Dr. Peter Skidmore

**University Hospital:** Dr. Jack Austin

The student(s) will spend four weeks working one on one with a Clinical Infectious Disease attending at the University Hospital. Duties include in-house 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*)

<b>Location</b>	Office of the Preceptor Selected
<b>Enrollment</b>	Arranged individually
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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. Walter Moore. (BIW 542, Ext. 2055)

### **MED 5026 Critical Care Medicine (VA ICU)**

<b>Location</b>	VA, Downtown Division, Augusta, GA
<b>Enrollment</b>	Maximum 1
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	July through June

A primary care elective where the student can expect patient care teaching in all aspects of Critical Care. Especially valuable to those interested in Surgery, Anesthesia or Medicine. Work with a critical Care Team: Intern, Resident, Fellow, Staff. (Drs. Ewald, Smith, Davis, and Gossage)

### **MED 5027 Off Campus Elective (Special Elective–Green Sheet)**

<b>Location</b>	Off Campus
<b>Enrollment</b>	Indefinite
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One to Two Months
<b>Months Offered</b>	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. Walter Moore, BIW 542, ext. 2055.

### **MED 5028 Research Elective in Medicine (Special Elective–Green Sheet)**



<b>Location</b>	MCG Hospital and Clinics and/or VA Medical Center
<b>Enrollment</b>	1 Minimum 16 Maximum
<b>Prerequisites</b>	<i>Approval by Faculty Member with whom research will be done</i>
<b>Duration</b>	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. Walter Moore, 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 \*)**

<b>Location</b>	Memorial Medical Center, Savannah, Georgia
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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

<b>Location</b>	Atlanta Medical Center, Atlanta, GA
<b>Enrollment</b>	1 Minimum 4 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One to Two Months
<b>Months Offered</b>	July through June

The Department of Medicine at Atlanta Medical Center in Atlanta, Georgia offers a clerkship in General Internal Medicine and all subspecialties. Clerkships will involve evaluation and management of both in- and outpatients. The program, to include conferences, rounds and seminars, is under the direction of full time department physicians in Internal Medicine. On Call Schedule is individualized, depending on rotation but will be no more frequently than every fourth night. Internal Medicine Program Director: Miriam Parker, M.D. Call Room available when students are on call.

### **MED 5031** Clinical Cardiology

<b>Location</b>	Doctor's Hospital, Augusta
<b>Enrollment</b>	Maximum 1
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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 5033** Pulmonary Medicine Consult at VAMC

<b>Location</b>	VA Downtown Division, Augusta
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	July through June

Consult service elective featuring the availability of the full gamut of pulmonary diagnostic techniques; emphasis on pathophysiology and its application to patient care. (Drs. Smith, Ewald, Gossage, and Davis)

**MED 5034** Pulmonary/Medical Critical Care

<b>Location</b>	MCGH
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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, Chaudhary, Gossage and Davis)

**MED 5035** Clinical Endocrinology (Medicine) at Savannah, GA  
*(Special Elective\*)*

<b>Location</b>	Memorial Medical Center and Office of Kaveh Ehsanipoor, M.D
<b>Enrollment</b>	Maximum 1
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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 have exposure to Clinical Endocrinology and Diabetes Mellitus both in a hospital setting as well as private practice. Inpatient consultations and ambulatory clinics at Memorial Medical Center are the primary activities of the elective. In addition, students will also be involved in the evaluation and followup of patients in the private office setting. These activities are carried out in association with one or more Medical and/or Family Practice Residents. All activities are supervised by Dr. Ehsanipoor. Thyroid, adrenal, parathyroid, pituitary, gonadal and reproductive diseases as well as electrolyte disturbances and diabetes will be discussed. Didactic lectures are given by Dr. Ehsanipoor at least twice a month.

**MED 5036** Pulmonary Elective for Senior Students at Eisenhower Medical Center, Ft. Gordon, GA

**Location** DDEAMC  
**Enrollment** 1 Minimum 1 Maximum  
**Prerequisites** MED 5000  
**Duration** One Month  
**Months Offered** July through June

The Pulmonary Disease elective will give the student exposure to all facets of acute and chronic pulmonary diseases. Inpatient and outpatient consultations will be performed under the supervision of the fundamentals of a sophisticated pulmonary function laboratory and will be expected to learn the basic interpretations of pulmonary function tests. The student will be expected to participate in teaching conferences involving the pulmonary disease service. (Drs. Honeycutt, Gavin, Lee and Atkins )

**MED 5037** Gastroenterology at Eisenhower Medical Center, Ft. Gordon, for 4th year medical students

**Location** DDEAMC  
**Enrollment** 1 Minimum 1 Maximum  
**Prerequisites** MED 5000

<b>Duration</b>	One Month
<b>Months Offered</b>	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

<b>Location</b>	University Hospital, Augusta
<b>Enrollment</b>	Maximum 1
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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

<b>Location</b>	MCGH and VAMC
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>

<b>Duration</b>	1 Month
<b>Months Offered</b>	July through June

Inpatient consultations and ambulatory clinics at the MCGH and VAMC are the primary activities of the elective. These activities are carried out in association with one or more medical residents and a clinical endocrine fellow. They are supervised by members of the Section of Endocrinology and Metabolism. The supervised management of cases encountered in these settings will provide the vehicle for teaching. Thyroid, adrenal, parathyroid, pituitary and gonadal diseases as well as diabetes, developmental problems, virilization and electrolyte disorders will be discussed. There will be opportunities for didactic presentations and students will be expected to read relevant clinical literature. A textbook and collection of reprints is provided on loan and a series of core didactic lectures is presented for students on the rotation. Student responsibilities will include participation in Section inpatient consultation and clinic activities, as well as the weekly clinical conference at which case presentations will be made. (Drs. M. Fincher, Calle, Isales, Mulloy, Stachura).

#### **MED 5040** Cardiology

<b>Location</b>	Office of Drs. Ray Johnson, Peter Bigham, Bleakley Chandler, Jr., Paul Cundey, Jr., Paul Cundey, III, John Hennecken, Scott Key, John Salazar, and Richard Whitlock Augusta, GA
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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 follow-up 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 (Special Elective)**

<b>Location</b>	Medical Center., East Birmingham, AL
<b>Enrollment</b>	Maximum 2
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One or Two Months
<b>Months Offered</b>	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**

<b>Location</b>	D.D. Eisenhower Army Medical Ct.
<b>Enrollment</b>	1 Minimum 1 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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 5045** Ambulatory and Consultative Internal Medicine Service

<b>Location</b>	D.D. Eisenhower Army Medical Ct. Ft. Gordon, Georgia
<b>Enrollment</b>	Maximum 1
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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

<b>Location</b>	D.D. Eisenhower Army Medical Ct. Ft. Gordon, Georgia
<b>Enrollment</b>	Maximum 1
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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 Endocrinology Clinic will serve as faculty for this course. Inpatient and outpatient consultations will be performed. (Dr. Hancock and Wood)

### **MED 5047** Medical Intensive Care at EAMC

<b>Location</b>	DDEAMC
<b>Enrollment</b>	Maximum 1
<b><i>Prerequisites</i></b>	<i>MED 5000</i>
<b>Duration</b>	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, Lee and Atkins)

### **MED 5050** Inpatient Cardiology at Atlanta Medical Center ***(Special Elective)***

<b>Location</b>	Atlanta Medical Center, Atlanta, GA
<b>Enrollment</b>	1 Maximum
<b><i>Prerequisites</i></b>	<i>MED 5000</i>
<b>Duration</b>	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 catheterization. The rotation will include both intensive care as well as telemetry and ward patients. This rotation will require weekend rounding and every fourth night on call responsibilities in conjunction with the rounding team. Participation in the Morning Report and medicine conferences throughout the week will be required. Internal Medicine Program Director: Miriam Parker, M.D.

### **MED 5051** Outpatient Cardiology at Atlanta Medical Center and Private

Practice Office  
(*Special Elective*)

<b>Location</b>	Atlanta Medical Center and Cardiac Disease Specialists (Private Practice) Atlanta, GA
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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: Miriam Parker, M.D.

**MED 5052** Gastroenterology at Atlanta Medical Center  
(*Special Elective*)

<b>Location</b>	Atlanta Medical Center, Atlanta, GA
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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 Gastrointestinal procedures. The student will also have the opportunity to see patients in the office with the various attendings and review liver pathology slides with John Galambos, M.D. The student would be expected to attend all conferences and will be asked to give a conference discussion at the medical-surgical conference. Program Director: Miriam Parker, M.D.; Gastroenterology attending at Georgia Baptist Health Care System: Drs. Christopher

Sarzen, Gary Richter and Luther Buse.

**MED 5053 Gastroenterology at Memorial Medical Center, Savannah, GA  
(Special Elective\*)**

<b>Location</b>	Savannah Center for Digestive and Liver Diseases, Memorial Medical Center, Inc
<b>Enrollment</b>	Maximum 1
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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 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)**

<b>Location</b>	Doctor's Hospital
<b>Enrollment</b>	Maximum 1
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	July through June

The student will work with 6 critical care physicians at Doctor's Hospital. These physicians provide seven days per week, 24-hour a day coverage for inpatients at the hospital. The student will be assigned to round on, and manage under supervision, between two or three critically ill patients, depending on the complexity and student abilities. The practice consists of patients admitted to the Burn Unit, admission of unassigned medical and critically ill patients from the emergency room, inpatient consultation to MICU and SICU, and management of critically ill patients accepted in transfer from outlying hospitals. All types of acute medical problems are seen in this practice environment. A pre- and post-test will be administered as learning tools, rationales for correct answers will be provided to the student. There is an extensive reference list and journal library as well as a textbook library.

The student will have one-on-one teaching with all six of the clinical faculty. Experiences in diagnostic studies are also available for the interested student. (Drs. Scott A. Deppe, Friedman, Epperly, Shaver, Trello, Vaughn and Joseph, 706/651-6199)

**MED 5056** Epidemiology-Atlanta  
(*Special Elective\**)

<b>Location</b>	Centers for Disease Control and Prevention (CDC), Atlanta
<b>Enrollment</b>	Maximum number is variable
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	1 to 2 months
<b>Months Offered</b>	September through June (applications must be submitted to the Epidemiology Program Office at CDC by May 30 of the student's third year)

This elective is designed to introduce the student to applied epidemiology, preventive medicine, and public health as practiced at CDC. Students have the opportunity to actively assist in epidemiologic investigations of infectious diseases and in studies of a wide variety of public health problems such as chronic, environmental, and occupational diseases, injuries, and reproductive health. Students work under the supervision of CDC epidemiologists and work on specific projects. Students are also exposed to day-to-day operations and a broad range of activities at CDC. Familiarity with computers and data analysis is helpful but not essential. Students are responsible for providing their own living and travel expenses.

**\*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.**

**MED 5057** Geriatric Medicine, Savannah, GA  
*(Special Elective\*)*

<b>Location</b>	Department of Internal Medicine Center for Successful Aging, Ali R. Rahimi, M.D., F.A.C.P., Chief of Geriatrics, Memorial Medical Center, Inc., Savannah, GA
<b>Enrollment</b>	Maximum 1
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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 education programs including daily Noon Conferences, Friday Grand Rounds, and may also participate in medical morning report.

**MED 5059** Clinical Cardiology

<b>Location</b>	Augusta Heart Associates
<b>Enrollment</b>	Maximum 1
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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

<b>Location</b>	MCG, AI-1025
<b>Enrollment</b>	Maximum 4
<b><i>Prerequisites</i></b>	<i>None</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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)*

<b>Location</b>	CSRA Partners in Health Care
<b>Enrollment</b>	One student per month
<b><i>Prerequisites</i></b>	<i>None</i>
<b>Duration</b>	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

<b>Location</b>	VAMC LSU, Augusta, GA
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month

The principal objective of this elective is to provide an opportunity to expose students to an acute care medicine practice. This experience will afford the medical student the opportunity to enrich history taking, physical examination, and integration skills, as well as exposure to procedures common in the ambulatory setting. The student will work exclusively with a General Medicine attending and a PGY-3 Medicine resident. The didactic component will consist of participation in the Ambulatory Lecture series on Wednesday AM and Ambulatory Morning report. (Drs. Spencer, Kovacs and Harper)

### **MED 5063** Outpatient Cardiology/Atlanta (*Special Elective*)

<b>Location</b>	Cardiology of Georgia, P.C., 755 Mt. Vernon Highway, Suite 530, Atlanta, GA 30328
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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

<b>Location</b>	VA Hospital, Downtown Division
<b>Enrollment</b>	1 Minimum, 2 Maximum
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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\**)

<b>Location</b>	Archbold Medical Center, Thomasville, Georgia, Office # of Dr. Rosenblum (912) 225-1900
<b>Enrollment</b>	Maximum 1
<b>Duration</b>	One Month
<b>Months Offered</b>	Sept., Nov., Jan., March, May

Under the direction of a pulmonologist Dr. Fred Rosenblum, this elective will allow exposure to both inpatient critical care and pulmonary medicine as well as outpatient pulmonary management. Dr. Raul Santos, a nephrologist, and Dr. Craig Wolff, a pulmonologist, will also participate. All three have their



critical care certification and practice at Archbold Medical Center in Thomasville, Georgia. The elective will offer a broad opportunity to participate directly in patient care, procedures, and didactic sessions with active clinicians.

**MED 5066** Community Endocrinology, Diabetes and Metabolism Elective  
(*Special Elective\**)

<b>Location</b>	Internal Medicine and Endocrine Associates of Augusta
<b>Enrollment</b>	Maximum 2
<b>Duration</b>	Four to Six Weeks
<b>Months Offered</b>	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 management 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 bedside interaction and is expected to attend didactic and teaching conferences at both University and MCG. He/She is encouraged to develop case presentation and physical exam skills, differential diagnoses, and perform critical review of relevant medical literature. They may pursue a small/clinical research project of their own interest with preceptor guidance during this rotation. (Report to Dr. Ali Rizvi, 820 St. Sebastian Way, Professional Office Building #1, Suite 7A. Phone: 706/722-0463.)

**MED 5067\* Acting Internship Off Campus  
(Special Elective—Green Sheet\*)**

<b>Location</b>	UT-Chattanooga, to be arranged with Dr. Walter Moore
<b>Enrollment</b>	To be arranged with Dr. Walter Moore
<b>Prerequisites</b>	<i>MED 5000</i>
<b>Duration</b>	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. Walter Moore, BI-5072)

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Please email comments, suggestions or questions to:  
Teresa Smith, [tdsmith@mail.mcg.edu](mailto:tdsmith@mail.mcg.edu).

November 09, 2001

Medical College of Georgia

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<b>Location</b>	5001A-MCG Hospital 5001B-VA Medical center
<b>Enrollment</b>	2 Maximum per month at each hospital
<b>Prerequisites</b>	NEU 5000
<b>Duration</b>	One Month
<b>Months Offered</b>	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*)

<b>Location</b>	5002A-MCG Hospital 5002B-VA Medical Center
<b>Enrollment</b>	2 Maximum per month at each hospital
<b>Prerequisites</b>	NEU 5000
<b>Duration</b>	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*)

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	1 Minimum 3 Maximum
<b>Prerequisites</b>	None
<b>Duration</b>	One to Three Months
<b>Months Offered</b>	July through June
<b>Faculty Sponsor</b>	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**

<b>Location</b>	5004A-MCG Hospital 5004B-VA Medical Center 5004C-Off Campus-- <b>Green Sheet</b>
<b>Enrollment</b>	1 Maximum Per preceptor
<b>Prerequisites</b>	<i>NEU 5000</i>
<b>Duration</b>	One to Three Months
<b>Months Offered</b>	July through June

The following electives will allow the student an opportunity to concentrate on a specific area of Neurology. Clinical responsibility and/or research opportunities are available. In most instances, the specific program can be

tailored to the interests and needs of the student. These electives must be arranged with the individual preceptor at least two months prior to the beginning of the rotation. On campus electives that are available include:

1. 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:  
Teresa Smith, [tdsmith@mail.mcg.edu](mailto:tdsmith@mail.mcg.edu).

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## Department of Obstetrics and Gynecology

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### **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. Christa Thrower, BA-7300, 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**Months Offered** 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 Christa Thrower, BA 7300, Ext 1-2543 and the Program Coordinator, 404/265-4614

**OBG 5003** Obstetrics and Gynecology, University Hospital  
*(Special Elective \*)*

<b>Location</b>	University Hospital, Augusta, GA
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>Satisfactory Completion of OBG 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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 Christa Thrower, BA 7300, Ext.1-2543.**

**OBG 5004** Research/Laboratory Elective at MCG *(Special Elective)*

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>Satisfactory Completion of OBG 5000</i>

<b>Duration</b>	One to Three Months
<b>Months Offered</b>	July through June

The student will have the opportunity to design original studies or pursue ongoing research projects in either the biochemical or biophysical assessment laboratories. This elective is flexible and can be tailored to the specific interests of the student. Current projects include intrauterine fetal breathing observation, analysis of fetal heart rate patterns, evaluation of fetal lung maturation in various maternal/fetal conditions. This elective is by arrangement only. You must contact Dr. L. Devoe, Ext. 1-3591 and Christa Thrower, BA 7300, Ext. 1-2543

### **OBG 5005 Maternal Fetal Medicine Elective at MCG (Special Elective)**

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>Satisfactory Completion of OBG 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	July through October-Reserved for Students choosing OBG as Advisor.

This is a clinically oriented block of time during which the student will participate in the antepartum, delivery, and postpartum care of high risk obstetric patients. Responsibilities are those of a subintern working closely with the OB house-staff. The student will also present cases at the clinical conferences dealing with high risk pregnancies, and be responsible for assigned reading material. This elective is by arrangement only. You must contact Dr. L. Devoe, Ext. 1-3591 and Christa Thrower, BA 7300, Ext. 1-2543

### **OBG 5006 Reproductive Endocrinology and Genetics Elective at MCG (Special Elective)**

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	1 Minimum 1 Maximum
<b>Prerequisites</b>	<i>Satisfactory completion of OBG 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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 reproductive endocrinology.
8. Basic knowledge of the pharmacology of hormones.
9. Preconceptional and genetic counseling and prenatal diagnosis.
10. In Vitro fertilization.

This elective is by Arrangement Only with Dr. Larry Layman, Ext. 1-3832 and Christa Thrower, BA 7300, Ext. 1-2543.

**OBG 5007 Elective in Gynecologic Oncology (*Special Elective*)**

<b>Location</b>	MCG
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>Satisfactory Completion of OBG 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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 Christa Thrower, BA 7300, Ext. 1-2543.

An opportunity to participate in clinical research will be provided.

**OBG 5008** Elective in Benign Gynecology (*Special Elective*)

<b>Location</b>	MCG
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>Satisfactory Completion of OBG 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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. Robert Stager, Ext. 1-2542) This elective is by arrangement only. You must contact Dr. Robert Stager and Christa Thrower, BA 7300, Ext. 1-2543.

**OBG 5009** Obstetrics and Gynecology at Atlanta Medical Center, Atlanta, GA (*Special Elective*)

<b>Location</b>	Atlanta Medical Center, Atlanta, Georgia
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>Satisfactory Completion of OBG 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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*)**

<b>Location</b>	Atlanta Medical Center, Maternal Fetal Diagnostic Center, Atlanta, Georgia,
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>Satisfactory Completion of OBG 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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 Christa Thrower, BA 7300, 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*)**

<b>Location</b>	IMMAG
<b>Enrollment</b>	1-2 per Month
<b>Prerequisites</b>	<i>Satisfactory Completion of OBG 5000</i>
<b>Duration</b>	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 Christa Thrower at 1-2543, BA 7300.

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## Department of Ophthalmology

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All changes, additions, and deletions in Ophthalmology including off campus electives should be coordinated through Dr. Thomas' 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

**Months Offered** July through June

All applicants must be interviewed by Dr. D. Thomas 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. Basic Eye Research: Sally Atherton, Ruth Caldwell, Dr. G. Liou, Sylvia Smith
- b. Clinical Research: Drs. S. Brooks, D. Marcus, J. Hendrickson, S. Goei, D. Thomas, P. Gokhale, L. Ulrich

**OPH 5003 Ophthalmology Off Campus Experience**  
***(Special Elective—Green Sheet)***

<b>Location</b>	Must be arranged and approved in advance with appropriate support documents (see below) provided at time of registration.
<b>Enrollment</b>	1 Minimum 6 Maximum
<b>Prerequisites</b>	<i>None</i>
<b>Duration</b>	One to Two Months
<b>Months Offered</b>	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**

*Julian J. Nussbaum, M.D. Professor and Chairman; Stephanie Goei, Residency Director*

Three residents are selected annually for the approved three year residency in Ophthalmology. Emphasis is placed on training physicians in all aspects

of clinical ophthalmology and ophthalmic surgery with an opportunity to pursue clinical and basic research. Clinical training is offered at MCG affiliated hospitals. Basic and clinical sciences are taught throughout the residency with formal lectures and conferences given by the faculty as well as visiting lecturers.

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## Department of Pathology

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### PTH 5001 Current Autopsy Case Studies (*Special Elective—Green Sheet*)

**Location** MCG Hospital and Clinics, Anatomic Pathology Laboratory

**Enrollment** 1 Minimum, 5 Maximum

**Prerequisites** *Phase II*

**Duration** 1-3 Months

**Months Offered** Throughout the year

The program has been designed for the study of human disease by thorough autopsy investigation enabling the interested student to pursue his studies at a deeper level of experience. Students have the same responsibilities as the resident staff with regard to their study and presentation of autopsy cases. (By arrangement with Dr. Falls)

### PTH 5002 University Hospital Pathology Laboratory (*Special Elective—Green Sheet*)

**Location** University Hospital, Pathology Laboratory

**Enrollment** 1 Minimum 2 Maximum

**Prerequisites** *Phase II*

**Duration** 1 Month

**Months Offered** Throughout the year

Electives will be offered in most phases of practice of pathology including surgical pathology, autopsies, hematology, blood banking, chemistry, bacteriology, immunopathology or cytology. Special work will be assigned to the student for background purposes. Can be offered singularly or in combination. (By arrangement with Dr. Sharma)

### PTH 5003 Surgical Pathology (*Special Elective—Green Sheet*)

**Location** MCG Hospital and Clinics, Anatomic Pathology Laboratory



<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>Phase II</i>
<b>Duration</b>	1-2 Months
<b>Months Offered</b>	Throughout the year

To participate in all activities of Surgical Pathology. Students will function as supervised residents. They will participate in the examination of tissues and the rendering of diagnoses to clinicians. Students will be part of modern surgical pathology. Limited responsibility under supervision will be commensurate with ability. (By arrangement with Dr. Bonsib)

**PTH 5004 Teaching Elective in Pathology**  
**(Special Elective—Green Sheet)**

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	1 Minimum, No Maximum
<b>Prerequisites</b>	<i>Pathology 550</i>
<b>Duration</b>	1 to 4 Months
<b>Months Offered</b>	Throughout the year

The student will identify cases with teaching value from recent anatomic and clinical pathology material. Each case will be thoroughly studied to prepare it for use in case teaching using pots, mounts, and/or annotated images for the course web site. The program may be arranged to accommodate specific interests that are consonant with teaching needs. (By arrangement with Dr. Steele)

**PTH 5005 Transfusion Medicine**  
**(Special Elective—Green Sheet)**

<b>Location</b>	MCG Hospital and Clinics, Blood Bank Laboratory
<b>Enrollment</b>	1 Minimum 1 Maximum
<b>Prerequisites</b>	<i>Phase II</i>
<b>Duration</b>	1 Month
<b>Months Offered</b>	October

Transfusion medicine/hemotherapy is a rapidly expanding discipline in the clinical application of transfusion and apheresis therapy. All students will receive basic instruction in immunohematology, blood component therapy, apheresis techniques, autologous and homologous donation methods, and participate in consultations.

Specific activities can be tailored for special areas of interest. Informal didactic sessions will supplement service rotations and required reading assignments. Rotation at a community blood center for orientation purposes and other special projects can be arranged. (By arrangement with Dr. Cook)

**PTH 5007 Cancer Cytogenetics**  
**(Special Elective—Green Sheet)**

<b>Location</b>	Cancer Cytogenetics Laboratory, Murphey Building
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>Phase II</i>
<b>Duration</b>	1 to 3 Months
<b>Months Offered</b>	Throughout the year

Cytogenetics is an important part of pathology. It is well recognized that cytogenetic analysis is an independent diagnostic and prognostic indicator in human cancer, particularly leukemia and a few solid tumors. This elective will acquaint the student with cancer cytogenetics and its clinical application in the management of the cancer patient. The student will be exposed to modern cytogenetic techniques, including cell culturing, harvesting procedures for obtaining chromosome slides, performing various chromosome banding techniques, microscopic analysis to identify normal and abnormal chromosomes, photography and computer-assisted chromosome karyotyping. (By arrangement with Dr. SatyaPrakash)

**PTH 5008 Pathobiology of Atherosclerosis**  
**(Special Elective—Green Sheet)**

<b>Location</b>	MCG Hospital and Clinics, Atherosclerosis Research Laboratories, Murphey Building
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>Phase II</i>
<b>Duration</b>	1 to 3 Months
<b>Months Offered</b>	Throughout the year

This elective offers an introduction into the study of the pathobiology of atherosclerosis and the current state of knowledge on this important disease process. State-of-the-art technologies in tissue culture, molecular biology, immunohistochemistry, and image analysis used to examine mechanisms involved in the initiation and progression of atherosclerosis will be introduced and hands-on experience will be emphasized. (By arrangement with Dr. Gerrity)

**PTH 5009 General Clinical Pathology Laboratory**

**(Special Elective—Green Sheet)**

<b>Location</b>	MCG Hospital and Clinics, Clinical Pathology Laboratory
<b>Enrollment</b>	1 Minimum 4 Maximum
<b>Prerequisites</b>	<i>Phase II</i>
<b>Duration</b>	1-4 Months
<b>Months Offered</b>	January through May

This elective is based on the practical application of clinical laboratory methods and evaluation of results. This objective will be pursued through patient rounds, interpretation of laboratory data, participation in patient treatment, particularly the use of blood and blood components, the development of tests and their evaluation as to future clinical utilization. An opportunity to learn the techniques of Hematology, Microbiology, Clinical Chemistry, Microscopy, Immunohematology and Blood Banking will be available. This elective includes hands-on instruction and practice in obtaining blood specimens for laboratory examination. (Arrangement with Dr. Baisden)

**PTH 5011 Basic Neuropathology**  
**(Special Elective—Green Sheet)**

<b>Location</b>	MCG Hospital and Clinics, Murphey Building, Anatomic Path Lab
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>Phase II</i>
<b>Duration</b>	1-3 Months
<b>Months Offered</b>	September through May

This is a basic neuropathology course designed only for a student who intends to choose pathology, neurosurgery, neurology, or other neurological science related fields as a subspecialty in his medical career. (By arrangement with Dr. Hessler)

**PTH 5012 Introductory Electron Microscopy**  
**(Special Elective—Green Sheet)**

<b>Location</b>	Electron Microscopy Laboratory, Murphey Building
<b>Enrollment</b>	1 Minimum 4 Maximum
<b>Prerequisites</b>	<i>Phase II</i>
<b>Duration</b>	1-3 Months

**Months Offered** September through May

This elective is designed to provide the student with a broad base of knowledge on the principles and use of electron microscopy in biomedical research and diagnosis. Instruction will be given by the director of electron microscopy and the technical staff. Background and theoretical considerations will be discussed, but hands-on aspects and training will be emphasized. At completion of this elective, the student will be able to process tissue, prepare and stain sections, and use an electron microscope. (By arrangement with Dr. Gerrity)

**PTH 5014 Off Campus Special Elective in Anatomic and Clinical Pathology  
(Special Elective—Green Sheet)**

**Location** Off Campus Pathology Laboratories  
**Enrollment** Open  
**Prerequisites** *Phase II*  
**Duration** 4 weeks or longer  
**Months Offered** Throughout the year

There will be opportunity to work in selected areas of Anatomic and/or Clinical Pathology, including such fields as Surgical Pathology, Autopsy, Hematology, Blood Banking, and Microbiology in specified programs arranged with an offering pathologist. Students will have the opportunity to participate in intra- and interdepartmental conferences. (By arrangement with Dr. Steele)

**PTH 5016 Anatomic Pathology  
(Special Elective—Green Sheet)**

**Location** Laboratory Service, VA Medical Ct.  
**Enrollment** I Minimum 2 maximum  
**Prerequisites** *Phase II*  
**Duration** Any Consecutive Three Months  
**Months Offered** Throughout the year

After the elective, the student will be able to perform a number of basic anatomic pathology techniques and apply clinical judgment commensurate with his medical knowledge. The student will be able to distinguish normal from pathologic tissues in their most common gross and microscopic appearances and will begin to be able to interpret the clinical significance of these appearances for individual patients. Specifically:

1. The student will be able to perform an autopsy and find basic clinical pathologic correlations.
2. The student will be able to approach a variety of surgical pathology and cytology specimens in the role of a pathologist consultant, and:
  - a. Participate in their processing and examination
  - b. Apply clinical interpretation and medical judgment in such examination.

The faculty/student contact is essentially that of a preceptorship in which practicing pathologists take undergraduate medical student as resident students and give them personal training in the practice of Pathology. The pathologist takes the student and gives him personal training in his specialty. There are three full time pathologists in Laboratory Service with whom the student will have the opportunity to work. (By arrangement with Dr. Lee)

**PTH 5018** Gastrointestinal Pathology  
*(Special Elective—Green Sheet)*

<b>Location</b>	Laboratory Service, VA Med Ct.
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>Phase II</i>
<b>Duration</b>	1 Month
<b>Months Offered</b>	January through May

This elective is designed to give the Phase III student a basic familiarity with needle biopsies of the liver and endoscopic biopsies of the alimentary tract. Microanatomic findings underlie the clinical presentation and course of patients with alimentary tract disease and are interpreted in light of the entire clinical background. The specific program will be arranged with the individual student but is expected to include histopathologic study of current cases amplified by file cases and attendance at pertinent conferences. (By arrangement with Dr. Lee)

**PTH 5019** Clinical Microbiology  
*(Special Elective—Green Sheet)*

<b>Location</b>	MCG Hospital and Clinics, Clinical Pathology Microbiology Laboratory, BAS-196
<b>Enrollment</b>	1 Minimum 1 Maximum
<b>Prerequisites</b>	<i>A Medical Microbiology Course</i>
<b>Duration</b>	1-2 Months
<b>Months Offered</b>	Throughout the year

An area of mutual interest will be explored through research, literature review, hands-on evaluation, discussions with other laboratories, etc. A written document of the findings will be produced for internal use and ideally for presentation and publication. (By arrangement with Dr. Steele)

**PTH 5023 Basic Cardiovascular Pathology**  
**(Special Elective—Green Sheet)**

<b>Location</b>	Pathology and Laboratory Medicine Service, VAMC
<b>Enrollment</b>	1 Minimum 3 Maximum
<b>Prerequisites</b>	<i>Phase II</i>
<b>Duration</b>	1-3 Months
<b>Months Offered</b>	February through August

This basic cardiovascular pathology elective is designed for students who plan to choose pathology (especially anatomic and/or cardiovascular pathology), cardiology or cardiovascular surgery as career track subspecialties. Practical correlations between invasive and noninvasive diagnostic techniques commonly used in clinical cardiology and using the gross and histomorphologic finding of current surgical pathology cases (from the VAMC and the MCGH&C) and autopsies together with current cardiovascular surgical techniques applicable to these cases, will be stressed. Each student will also be encouraged to formulate a project and begin investigations, which could lead to a publication. (By arrangement with Dr. Freant)

**PTH 5024 Gastrointestinal Pathology**  
**(Special Elective—Green Sheet)**

<b>Location</b>	MCGH&C, Anatomic Pathology Laboratory
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>Phase II</i>
<b>Duration</b>	1-2 Months
<b>Months Offered</b>	Throughout the year

This elective is designed for students to participate in all aspects of diagnostic GI liver pathology service at MCG during his/her allotted time. Specific one-to-one histopathologic instruction will be tailored to the student's field of greatest interest, e.g., liver biopsy interpretation of

hepatitis. This will include, but is not limited to, review of Dr. Vartanian's GI liver study slides. The student may elect to embark on a research project, which he/she is expected to complete. (By arrangement with Dr. Vartanian)

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**Note:** Most Pediatric electives are of one month's duration. Although students may take any elective for two months by special arrangement with the appropriate faculty member, they will only receive one month's credit for that elective.

The Pediatric elective program is coordinated by Dr. Christopher White. All changes, additions, and deletions in Pediatric electives, including arrangement for special or off-campus electives, should be coordinated through his office, BG 2101B, 721-3781.

**Pediatric Subinternships are designated by an asterisk.\* Special consideration will be given to those going into Pediatrics.**

**PED 5001\* Substitute Neonatal Intern (*Special Elective*)**

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	2 Maximum
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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*)**

<b>Location</b>	Approved Hospitals or Preceptor's Office
<b>Enrollment</b>	1 Minimum No Maximum
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	One or Two Months
<b>Months Offered</b>	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)**

<b>Location</b>	Gracewood State School and Hospital.
<b>Enrollment</b>	I Minimum 3 Maximum
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	One or Two Months
<b>Months Offered</b>	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)**

<b>Location</b>	Approved hospital, clinic or office
<b>Enrollment</b>	No Maximum
<b>Prerequisites</b>	<i>Phase II</i>
<b>Duration</b>	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)**

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	3 Maximum

<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	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*)**

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>None</i>
<b>Duration</b>	One or Two Months
<b>Months Offered</b>	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*)**

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	2 Maximum
<b>Prerequisites</b>	<i>None</i>
<b>Duration</b>	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*)**

<b>Location</b>	5009A-MCG Hospital
<b>Enrollment</b>	2 Maximum
<b>Location</b>	5009B-University Hospital
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	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*)**

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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**

**PED 5012B\* Hospital at Memorial Medical Center**

**PED 5012C (*Special Elective*)**

<b>Location</b>	Memorial Medical Center Inc., Savannah, GA
<b>Enrollment</b>	1 Maximum per area
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	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*)

<b>Location</b>	MCG Hospital, University Hospital
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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*)

<b>Location</b>	MCG Hospital and Clinics, Newborn Nursery (7W)
<b>Enrollment</b>	1 Maximum

<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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)**

<b>Location</b>	University Hospital Emergency Room
<b>Enrollment</b>	3 Maximum
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	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 Ahmadi).

### **PED 5017 Pediatric Hematology/Oncology (Special Elective)**

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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*)**

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	2 Maximum
<b>Prerequisites</b>	<i>Must have completed PED 5000 with a grade of B or above</i>
<b>Duration</b>	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*)**

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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, dysmorphism, 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*)**

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	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*)**

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	2 Maximum
<b>Prerequisites</b>	<i>None</i>
<b>Duration</b>	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*)**

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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*)**

<b>Location</b>	MCG Hospital and Clinics
<b>Enrollment</b>	1 Maximum
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	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*)**

<b>Location</b>	MHUMC Savannah
<b>Enrollment</b>	1 Minimum 1 Maximum
<b>Prerequisites</b>	<i>PED 5000</i>
<b>Duration</b>	Four weeks



**Months Offered** July through June

This elective in pediatric critical care provides the senior medical student (acting intern) the opportunity to evaluate and manage the critically ill pediatric patient. The student will participate in the diagnosis and management of critically ill children using the history, physical examination, laboratory data and other invasive and non-invasive techniques. A physiologic approach to the evaluation and management of the critically ill patient will be taught and emphasized as it applies to pediatric critical care. Major topics to be covered include: fluid and electrolytes, closed head injury, seizures, respiratory distress/arrest, shock (cardiogenic and non-cardiogenic), 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** *PED 5000*  
**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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<b>Location</b>	MCG
<b>Enrollment</b>	2 Minimum 8 Maximum
<b>Prerequisites</b>	<i>Medical Course in Pharmacology</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	August

Students will participate in discussion and review of several aspects of toxicology including heavy metals, gaseous poisons, industrial and agricultural chemicals, poisonous plants and venoms. Emphasis is on human toxicology and includes selected reports to be presented by enrollees. (Dr. Kling and others, Ext. 3384)

**PHM 5002 Clinical Pharmacology and Therapeutics**  
***(Special Elective—Green Sheet)***

<b>Location</b>	MCG
<b>Enrollment</b>	5 Minimum 16 Maximum
<b>Prerequisites</b>	<i>Medical Course in Pharmacology</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	August

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)***

<b>Location</b>	MCG
<b>Enrollment</b>	1 Minimum 5 Maximum

<b>Prerequisites</b>	<i>Medical Course in Pharmacology</i>
<b>Duration</b>	One or two months
<b>Months Offered</b>	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)**

<b>Location</b>	MCG
<b>Enrollment</b>	1 Minimum 2 Maximum per faculty member
<b>Prerequisites</b>	<i>Approval by faculty member with whom research will be done</i>
<b>Duration</b>	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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<b>Location</b>	MCG, Dept. of Physiology
<b>Enrollment</b>	1 Minimum 2 Maximum per Faculty member
<b>Prerequisites</b>	<i>Approval by Faculty Member with whom research will be done</i>
<b>Duration</b>	One to Two Months
<b>Months Offered</b>	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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### PSY 5002 Consultation Liaison Psychiatry (*Special Elective*)

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	By Arrangement
<b>Prerequisites</b>	PSY 5000
<b>Duration</b>	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 5004 Family Therapy (*Special Elective*)

<b>Location</b>	MCG Psychiatry Outpatient Clinic
<b>Enrollment</b>	1-3
<b>Prerequisites</b>	PSY 5000
<b>Duration</b>	One to Three Months
<b>Months Offered</b>	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)*

<b>Location</b>	Off Campus
<b>Enrollment</b>	By Arrangement
<b>Prerequisites</b>	PSY 5000
<b>Duration</b>	One to Three Months
<b>Months Offered</b>	July through June

Special arrangements can be made for elective rotations at other institutions or for preceptorships with individual psychiatrists. (Dr. Stewart Shevitz, Ext. 3141)

**PSY 5006** The Brain vs. Mind Conundrum Elective in Neuroimaging

<b>Location</b>	VA Hospital (Downtown Division)
<b>Enrollment</b>	5 Maximum
<b>Prerequisites</b>	PSY 5000
<b>Duration</b>	One to Three Months
<b>Months Offered</b>	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)*

<b>Location</b>	MCG Hospital, 3-South and Outpatient Psychiatry
<b>Enrollment</b>	Maximum 3
<b>Prerequisites</b>	PSY 5000
<b>Duration</b>	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*)**

<b>Location</b>	MCGH (3-South)
<b>Enrollment</b>	By Arrangement
<b>Prerequisites</b>	<i>PSY 5000</i>
<b>Duration</b>	One to Three Months
<b>Months Offered</b>	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*)**

<b>Location</b>	MCG Outpatient Clinic
<b>Enrollment</b>	By Arrangement
<b>Prerequisites</b>	<i>PSY 5000</i>
<b>Duration</b>	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 5017 Clinical Neurobiology Research Seminar**

<b>Location</b>	Psychiatry Outpatient Clinic
<b>Enrollment</b>	Maximum 8
<b>Prerequisites</b>	<i>PSY 5000</i>
<b>Duration</b>	Four Weeks to Eight Weeks
<b>Months Offered</b>	February and March

The objective of the Clinical Neurobiology Research Seminar will be to familiarize the student with current topics in the clinical neurosciences. Emphasis will be placed on a critical reading of the literature, with teaching focused on methods of evaluating the integrity and context of the research literature. Topics will focus on the relationship of behavior to brain chemistry. Discussion will highlight the functional role of different neurotransmitter receptor subtypes, neuropeptides, and second messengers in regulation of stress adaptation, and the expression of cognitive, emotional and perceptual behaviors. The course will review selected advances in behavioral neuroendocrinology, neuropharmacology and the genetic bases of personality. Each student will be required to write a review paper for course completion. The goals of the seminar will be both to contribute toward the development of the student's interest in a particular area, as well as to integrate an understanding of where the field is advancing relevant to future physician careers. (Jeffrey Rausch, M.D., Ext. 7793)

### **PSY 5021 Neuropsychology in Adult and Aged Non-Human Primates (Special Elective)**

<b>Location</b>	MCG, CB 3917 (office) and Animal Behavior Center, Bldg. OB
<b>Enrollment</b>	Maximum 3
<b>Prerequisites</b>	<i>PSY 5000</i>
<b>Duration</b>	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 5023** Inpatient and Consultation Child Psychiatry

<b>Location</b>	MCG Hospital, 3-South, 9-North
<b>Enrollment</b>	1 per rotation
<b>Prerequisites</b>	<i>PSY 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	August through December, February through June

This elective consists of both inpatient and consultation-liaison components. In the former, the student will participate as a member of a multidisciplinary inpatient treatment team in the evaluation and inpatient care of children (ages 3-12 years) with severe behavioral and emotional problems. The student will be involved in individual, family, and group treatment modalities as well as attend didactic presentations on topics in child psychiatry. In the second component of this elective, the student will participate in the child psychiatry consultation-liaison service through which psychiatric difficulties of children in other areas of the hospital are addressed. Elective goals include gaining a knowledge of diagnostic issues, evaluation strategies, behavioral and pharmacologic treatments, and mental health resources available for children. The student will work directly with faculty and child psychiatry fellows. (Dr. Betsy Sunde, Ext. 2165)

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Please email comments, suggestions or questions to:  
Teresa Smith, [tdsmith@mail.mcg.edu](mailto:tdsmith@mail.mcg.edu).

November 09, 2001

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## Department of Radiology

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### 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. Allison Crawford or Mr. James Corley)

The four week elective provides a basic overview of clinical radiology. Students rotate through most of the major areas of radiology, participating in the clinical diagnostic process. In addition to clinical rotations, lectures and case conferences are scheduled throughout the rotation. The primary goal of the elective is to help the student develop a better understanding of the functions of radiology as a contributor to primary care of the patient. The student will learn to recognize certain basic radiographic signs and patterns; however, it is not intended that students will be able to "read" a radiograph at the end of the elective. (Dr. Rawson)

### RAD 5002 Radiobiology (*Special Elective*)

**Location** MCG Hospital**Enrollment** 1-4**Prerequisites** *None***Duration** 4 weeks**Frequency** By arrangement Mr. James Corley

This course focuses primarily on the physiological and anatomical effects of ionizing radiation on biological systems, dealing specifically with x, gamma, and beta radiations as they are applied in diagnostic and therapeutic protocols. The scope of the course includes an introduction to radiobiology, radiation hazards and radioprotection. Specific topics include the production and use of x radiation at varying levels of energy as well as the

development, application and effects of gamma and beta emitting radiopharmaceuticals. The somatic and genetic effects of diagnostic levels, therapeutic doses, and inadvertent exposure to environmental and/or industrial contaminations are addressed. The material is presented primarily in lecture format with a limited number of laboratory exercises, but students are encouraged to participate in ongoing or individual research projects. (Dr. Mivechi)

**RAD 5003 Clerkship in Pediatric Radiology (*Special Elective*)**

<b>Location</b>	MCG Hospital and/or Children's Medical Center
<b>Enrollment</b>	2 Maximum
<b><i>Prerequisites</i></b>	<i>None</i>
<b>Duration</b>	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. Howell)

**RAD 5004 Advanced Clerkship in Diagnostic Radiology (*Special Elective*)**

<b>Location</b>	MCG Hospital and/or VAMC
<b>Enrollment</b>	Maximum 6
<b><i>Prerequisites</i></b>	<i>RAD 5001 (or permission of Department Chairman)</i>
<b>Duration</b>	4 weeks
<b>Months Offered</b>	By arrangement with Mr. James Corley

This advanced clerkship is designed for students who, after completing RAD

5001, desire additional exposure to diagnostic radiology. The four weeks can be spent in one specific section of the Department or a combination of sections to accommodate the desire and need of the individual student.

The student is assigned to work with a mentor in the area of his/her specific interest. Together, they plan objectives and activities to include patient care, academic pursuits, and/or research. The mentor and the student agree on an evaluation plan consistent with the objectives and activities.

**RAD 5005 Radiology Clerkship**  
*(Off Campus Elective—Green Sheet)*

<b>Location</b>	Off Campus site by special arrangement
<b>Enrollment</b>	Variable
<b><i>Prerequisites</i></b>	<i>None</i>
<b>Duration</b>	4 weeks
<b>Months Offered</b>	By arrangement with Mr. James Corley

Special arrangements can be made for elective periods of four weeks in the Department of Radiology of other institutions or as preceptorships with individual radiologists, subject to approval of the Chairman of the MCG Department of Radiology.

The student must work with a mentor at the off campus site to plan objectives, activities, and evaluation of experiences. This course is generally considered to be comparable to RAD 5001 in purpose and design. It is often chosen by the student who is considering pursuit of a radiology residency who would like to obtain additional and varied experiences in the field.

**RAD 5006 Clerkship in Radiation Therapy Oncology**

<b>Location</b>	Georgia Radiation Therapy Center
<b>Enrollment</b>	1 Minimum 2 Maximum
<b><i>Prerequisites</i></b>	<i>None</i>
<b>Duration</b>	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*)

<b>Location</b>	MCG, UH, and/or VAMC
<b>Enrollment</b>	2 Maximum
<b>Prerequisites</b>	<i>Senior Medical Student</i>
<b>Duration</b>	4 weeks
<b>Months Offered</b>	By arrangement with Mr. James Corley

The student works one-on-one with faculty angiographers in the performance of vascular and interventional procedures. The student and the attending set specific goals and plan learning activities that will lead to attainment of the student's objectives. Students will assist with patient preparation and monitoring, write clinical workups, observe procedures, and assist residents/fellows in preparation for case conferences. Sufficient time will be allowed for studying the teaching file and participating in similar learning activities. (Dr. Bates)

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Please email comments, suggestions or questions to:  
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## Department of Surgery

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### General

#### **SUR 5001** General Surgery Clerkship (*Special Elective*)

<b>Location</b>	Dwight David Eisenhower Army Medical Center
<b>Enrollment</b>	I Minimum 4 Maximum
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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*)

<b>Location</b>	MCG Hospital, VA
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<b>Enrollment</b>	1 Minimum 2 Maximum per Tutor
<b>Prerequisites</b>	<i>None</i>
<b>Duration</b>	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)*

<b>Location</b>	To be provided at time of Registration
<b>Enrollment</b>	1 Minimum 2 Maximum per Preceptor
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	One to Two Months
<b>Months Offered</b>	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)*

<b>Location</b>	To be provided at the time of registration. Includes Columbus.
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	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*)**

<b>Location</b>	Memorial Medical Center, Savannah, Georgia
<b>Enrollment</b>	Maximum 1
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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*)**

<b>Location</b>	Memorial Medical Center Inc., Savannah, GA
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<b>Enrollment</b>	Minimum 1 Maximum 2
<b>Prerequisite</b>	<i>SUR 5000</i>
<b>Duration</b>	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)*

<b>Location</b>	MCG Hospital and VA Hospital
<b>Enrollment</b>	Maximum 4 per month
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	One to two months
<b>Months Offered</b>	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

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	I Minimum 3 Maximum
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	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, Georgia Baptist Medical Center  
(*Special Elective*)

<b>Location</b>	Georgia Baptist Medical Center, Atlanta, GA
<b>Enrollment</b>	I Minimum 6 Maximum
<b>Prerequisites</b>	<i>Core Curriculum</i>
<b>Duration</b>	One Month Minimum, Two Months Max
<b>Months Offered</b>	July through June

During assignment in surgery at Georgia Baptist 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 Swan Ganz 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)***

<b>Location</b>	Atlanta Medical Center, Atlanta, GA
<b>Enrollment</b>	1 Minimum 1 Maximum
<b><i>Prerequisites</i></b>	<i>Core Curriculum</i>
<b>Duration</b>	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)**

<b>Location</b>	Atlanta Medical Center, Atlanta, Georgia
<b>Enrollment</b>	1 Minimum 1 Maximum
<b>Prerequisites</b>	<i>Core Curriculum</i>
<b>Duration</b>	1 Month Minimum 2 Months Max
<b>Month Offered</b>	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)**

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>Core Curriculum</i>
<b>Duration</b>	Four weeks
<b>Month Offered</b>	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.

**SUR 5015** Tutorial in the History of Medicine  
**(Special Elective—Green Sheet)**

<b>Location</b>	Medical College of Georgia
<b>Enrollment</b>	2 Maximum
<b>Prerequisites</b>	None
<b>Months Offered</b>	August through June

The student will perform research on a selected topic in the history of medicine. He/she will meet regularly with Dr. Nesbit for discussion and will prepare a paper suitable for submission for presentation/publication. Elective must be approved by Dr. Robert Nesbit (BB-4513A, Ext. 4761)

## Neurosurgery

### SUR 5200 Neurosurgery Clerkship

<b>Location</b>	MCG Hospital, VA
<b>Enrollment</b>	1 Minimum 4 Maximum
<b>Prerequisites</b>	<i>NEU 5000</i>
<b>Duration</b>	One to Two Months
<b>Months Offered</b>	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*)

<b>Location</b>	Memorial Medical Center, Savannah, GA
<b>Enrollment</b>	No Maximum
<b>Prerequisites</b>	<i>Completion of Junior Year</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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*)

<b>Location</b>	To be provided at time of Registration
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Duration</b>	One to Two Months
<b>Prerequisites</b>	<i>NEU 5000</i>
<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 Lee prior to making arrangements for this elective. (Dr. Mark Lee )

**SUR 5203** Combination Neurosurgery Clerkship and Research

<b>Location</b>	MCG Hospital or VA
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>NEU 5000</i>
<b>Duration</b>	One to Two
<b>Months Offered</b>	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

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	1 Min 2 Maximum
<b><i>Prerequisites</i></b>	<i>NEU 5000</i>
<b>Duration</b>	1 Month
<b>Months</b>	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

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	1 Minimum 3 Maximum
<b><i>Prerequisites</i></b>	<i>None</i>
<b>Duration</b>	One Month

**Months Offered** July through June

This clerkship is designed to familiarize the student with the diseases of the ears, nose and throat with emphasis on diagnostic techniques, including physical examination techniques, radiology, audiometrics and endoscopic procedures. The student will be introduced to the principles of head and neck surgery, facial plastic surgery, endoscopy and neurotology. The utilization of the office and hospital patients will allow the student to participate in and observe the specialty of Otolaryngology. (Dr. Porubsky)

**SUR 5251** Otolaryngology Surgery

**Location** VA Hospital  
**Enrollment** 1 Minimum 2 Maximum  
**Prerequisites** None  
**Duration** One Month  
**Months Offered** July through June

This clerkship is designed to familiarize the student with the diseases of the ears, nose and throat with emphasis on diagnostic techniques, including physical examination techniques, radiology, audiometrics and endoscopic procedures. The student will be introduced to the principles of head and neck surgery, endoscopy and neurotology. (Dr. Klippert)

**SUR 5252** Otolaryngology Off Campus Experience  
*(Special Elective—Green Sheet)*

**Location** Provided at time of Registration  
**Enrollment** Open  
**Prerequisites** None  
**Duration** One Month  
**Months Offered** July through June

Students may elect off campus experience in place of Otolaryngology in some other medical school or institution for a period of one to two months. For help in making arrangements, interested students should contact the

Section of Otolaryngology here at the Medical College of Georgia. Arrangements then can be made with the counterpart at the other institution. An evaluation of the student's performance will be required. (Dr. Porubsky)

**SUR 5253** Clerkship in Otolaryngology and Head and Neck Surgery  
**(Special Elective)**

<b>Location</b>	Memorial Medical Center, Savannah, GA
<b>Enrollment</b>	One per month
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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)**

<b>Location</b>	MCG Hospital and Clinics, VA Hospital, University (Designate location)
<b>Enrollment</b>	I Minimum 3 Maximum
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	One Month

**Months Offered** All year. July through October-Reserved for Students choosing Ortho as Advisor. November-June-Lottery

Arrange through Faculty Coordinator, Dr. Bertrand.

**SUR 5278** Orthopedics Off Campus Experience  
(*Special Elective—Green Sheet*)

**Location** To be provided at the time of registration  
**Enrollment** 1 Minimum 2 Max per preceptor  
**Prerequisites** SUR 5000  
**Duration** One to Two Months  
**Months Offered** July through June

Arrange through Faculty Coordinator, Dr. Bertrand.

**SUR 5280** Spinal Cord Injury Service

**Location** VA Medical Center  
**Enrollment** 1 Minimum 3 Maximum  
**Prerequisites** SUR 5000  
**Duration** One to Two Months  
**Months Offered** July through June

This is a primary care elective. The student will manage spinal cord injured patients admitted to SCI Service at the VAMC. Regular daily bedside teaching rounds will be held as well as preceptor student sessions with faculty members on SCIS Staff. The student will be exposed to the variety of altered physiologic and psychologic responses of spinal cord injured patients, including neurosurgical and orthopedic problems. Such patients also require the application of all phases of medicine for example, acute respiratory failure requiring ventilator support, pulmonary thromboembolism, pneumonia, dysreflexia, pulmonary, etc. The student will be part of a multidisciplinary team involved in various stages of rehabilitation. This elective will also familiarize the student with various types of adaptive equipment and the direct application of rehabilitative medicine principles.

Supervision will be provided by the SCIS Staff Physicians.

Arrange through Faculty Coordinator Dr. Vidya C. Sridharan, Chief, Spinal Cord Injury Service, VA Medical Center.

### **SUR 5282** Orthopedic Surgery Research (*Special Elective*)

<b>Location</b>	MCG Hospital and Clinics and Surgical Research Laboratories
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	One to Two Months
<b>Months Offered</b>	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

<b>Location</b>	ETMH
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	One to Two Months
<b>Months Offered</b>	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

<b>Location</b>	MCG Hospital, VAMC
<b>Enrollment</b>	2 Max (VA 1, MCG 1)
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	July through June

This elective is designed to provide additional experience in pathophysiology and treatment of intrathoracic disease. The student participates with the chief resident and/or attending thoracic surgeon in answering consultations regarding patients with potential thoracic surgical problems on other services. In addition, opportunities are available for experience in treatment of critically ill patients in the surgical intensive care unit. Responsibilities of the student are entirely separate from those taking the required subspecialty clerkship. (SUR 5000) In addition, the student participates in all conferences, rounds and clinics. (Dr. Lionel Zumbro).

### SUR 5326 Thoracic and Cardiac Surgery Preceptorship (*Special Elective—Green Sheet*)

<b>Location</b>	To be provided at time of registration
<b>Enrollment</b>	2 Maximum
<b>Prerequisites</b>	<i>SUR 5000 (to include rotation through Thoracic Surgery)</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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).

## Urology

**SUR 5350** Urology Clerkship

<b>Location</b>	MCG Hospital or DDEAMC, Ft. Gordon
<b>Enrollment</b>	MCG Hospital-1 Min 4 Max Ft. Gordon-1 Min 2 Max
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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)*

<b>Location</b>	Provided at time of registration
<b>Enrollment</b>	1 Minimum 3 Maximum
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	One Month
<b>Months Offered</b>	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)

**Plastic**

**SUR 5375** Plastic Reconstructive Surgery

<b>Location</b>	MCG Hospital
<b>Enrollment</b>	1 Minimum 2 Maximum
<b>Prerequisites</b>	<i>None</i>
<b>Duration</b>	One to Two Months
<b>Months Offered</b>	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)*

<b>Location</b>	Provided at time of Registration
<b>Enrollment</b>	1 Minimum 3 Max per preceptor
<b>Prerequisites</b>	<i>None</i>
<b>Duration</b>	One to Two Months
<b>Months Offered</b>	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)*

<b>Location</b>	Memorial Medical Ct., Savannah
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<b>Enrollment</b>	Maximum 6
<b>Prerequisites</b>	<i>SUR 5000</i>
<b>Duration</b>	One, Two or Three Months
<b>Months Offered</b>	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.

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Please email comments, suggestions or questions to:  
Teresa Smith, [tdsmith@mail.mcg.edu](mailto:tdsmith@mail.mcg.edu).

November 09, 2001

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## Promotion and Graduation

Promotion of students from one year to the next depends on the satisfactory completion of each year's work. Promotions are considered on the basis of recommendations by the individual instructors, on department evaluations and on students' total records, including performance on Steps 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

A	Outstanding--Superior performance
B	Good--Commendable performance; work of good quality.
C	Satisfactory; acceptable performance.

D	Unsatisfactory; a grade that indicates the student has not met the standards of performance in this area.
F	Failing
I	Incomplete. This indicates that a student was doing satisfactory work but for non-academic reasons beyond his control was unable to meet the full requirements of the course.

## II. Remedial Work for Academically Deficient Students

A. Upon review of the student's academic performance and mitigating circumstances, the Promotions Committee shall recommend for an academically deficient student :

1. Performance of remedial work;
2. Repeating of some or all of the courses of the year;
3. Dismissal;
4. Recommendations to undertake remedial work or repeat courses will be made by the appropriate promotions subcommittee directly to the dean;
5. Recommendations for dismissal will be made by the full Promotions Committee as outlined in III.

B. Remedial work taken as the result of unsatisfactory performance (a grade of D) shall be stipulated by the department(s) involved. This may include, but is not limited to: 1) independent study, 2) retaking of examinations and 3) remedial courses. In any event, remedial work must not interfere with other courses.

## III. Recommendations for Dismissal

The academic performance of each student shall be evaluated continually by the appropriate subcommittee. A student may be recommended for dismissal for sufficient cause. Guidelines for dismissal and the dismissal procedures of the promotions committee are outlined in detail in the current Promotions Committee Handbook.

## IV. U.S. Medical Licensing Examination, Step 1 and 2

Students shall take Steps 1 and 2 of the United States Medical Licensing Examination and pass them at the national level as a candidate.

## V. Graduation

A. Application and Effective Dates

A student who completes all requirements may apply for graduation monthly. Application must be made four months in advance of the proposed date of graduation. The monthly dates, which will appear on the diploma, will

correspond to the last day of the corresponding fourth-year rotations as published in the MCG catalog. The annual formal graduation is held in May at the end of the academic year, this May date appearing on the diploma of students graduating at the end of the Spring semester.

#### B. Promotions Committee Procedure

The Promotions Committee procedure for monthly graduation will be the same as that described under Promotions Committee Policy IIC.3 for the end of the academic year. The meetings of the subcommittee to consider students for graduation will be held as soon as practical after completion of the student's final rotation and receipt of the grades in the registrar's office.

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Please email comments, suggestions or questions to:  
Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

August 07, 2001

# 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



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- ▶ [Residency Programs](#)
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resources for graduate  
medical education.

## WWW Resources

- ▶ [Educational Commission on Foreign Medical Graduates \(ECFMG\)](#)
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Please email comments, suggestions or questions to  
Holly Walp, [hwalp@mail.mcg.edu](mailto:hwalp@mail.mcg.edu).

November 16, 2001

### 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](mailto:hwalp@mail.mcg.edu)

#### Lynette Brege

[lynette@mail.mcg.edu](mailto:lynette@mail.mcg.edu)

#### Elizabeth Crans

[ecrans@mail.mcg.edu](mailto:ecrans@mail.mcg.edu)

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## Residency Programs

**Medical College of Georgia**  
**Augusta, Georgia 30912**

#### [Anesthesiology - Program Overview](#)

Susan Dawkins, [sdawkins@mail.mcg.edu](mailto:sdawkins@mail.mcg.edu)

#### [Emergency Medicine - Program Overview](#)

Carol Pogue, [cpogue@mail.mcg.edu](mailto:cpogue@mail.mcg.edu)

#### [Family Medicine - Program Overview](#)

Julie Hammond, [residency@mail.mcg.edu](mailto:residency@mail.mcg.edu)

#### [Internal Medicine - Program Overview](#)

Kathy Kline, [kkline@mail.mcg.edu](mailto:kkline@mail.mcg.edu)

#### Medicine - Subspeciality

##### [Allergy/Immunology - Program Overview](#)

Joanie Fichtel, [jfichtel@mail.mcg.edu](mailto:jfichtel@mail.mcg.edu)

##### [Cardiology - Program Overview](#)

Linda Flucas, [lflucas@mail.mcg.edu](mailto:lflucas@mail.mcg.edu)

##### [Dermatology - Program Overview](#)

Kim Monroe, [kmonroe@mail.mcg.edu](mailto:kmonroe@mail.mcg.edu)

##### [Endocrinology/Nutrition - Program Overview](#)

Lynnette Ellison, [l Ellison@mail.mcg.edu](mailto:l Ellison@mail.mcg.edu)

##### [Gastroenterology - Program Overview](#)

Jann Leverett [jannl@mail.mcg.edu](mailto:jannl@mail.mcg.edu)

##### [Hematology/Oncology - Program Overview](#)

Elizabeth Jones, [eljones@mail.mcg.edu](mailto:eljones@mail.mcg.edu)

##### [Infectious Diseases - Program Overview](#)

Catherine Prysiazny, [cprysiaz@mail.mcg.edu](mailto:cprysiaz@mail.mcg.edu)

##### [Nephrology - Program Overview](#)

Joan Hayes [jhayes@mail.mcg.edu](mailto:jhayes@mail.mcg.edu)

##### [Pulmonary and Critical Care Medicine - Program Overview](#)

Carol Poston, [carolp@mail.mcg.edu](mailto:carolp@mail.mcg.edu)

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**Rheumatology - [Program Overview](#)**  
Shawnda Claxton, [sclaxton@mail.mcg.edu](mailto:sclaxton@mail.mcg.edu)

**Neurology - [Program Overview](#)**  
Brooke Weir, [bweir@neuro.mcg.edu](mailto:bweir@neuro.mcg.edu)

**Obstetrics and Gynecology - [Program Overview](#)**  
Jill Westendick, [jwestend@mail.mcg.edu](mailto:jwestend@mail.mcg.edu)

**Ophthalmology - [Program Overview](#)**  
Brenda Sheppard, [bfsheppa@mail.mcg.edu](mailto:bfsheppa@mail.mcg.edu)

**Pathology - [Program Overview](#)**  
Shannon Williford, [swillifo@mail.mcg.edu](mailto:swillifo@mail.mcg.edu)

**Pediatrics - [Program Overview](#)**  
Sheryll Maddox, [smaddox@mail.mcg.edu](mailto:smaddox@mail.mcg.edu)

### **Pediatrics - Subspeciality**

**[Allergy/Immunology](#)**  
Joanie Fitchel, [jfitchel@mail.mcg.edu](mailto:jfitchel@mail.mcg.edu)

**Cardiology**  
Elizabeth Haynes, [ehaynes@mail.mcg.edu](mailto:ehaynes@mail.mcg.edu)

**[Critical Care - \[Program Overview\]\(#\)](#)**  
Lucinda Smith, [lsmith@mail.mcg.edu](mailto:lsmith@mail.mcg.edu)

**Neonatology - [Program Overview](#)**  
Tina Corbin, [tcorbin@mail.mcg.edu](mailto:tcorbin@mail.mcg.edu)

**[Psychiatry - \[Program Overview\]\(#\)](#)**  
Angie Kelley, [apkelley@mail.mcg.edu](mailto:apkelley@mail.mcg.edu)

### **Psychiatry - Subspeciality**

**Child & Adolescent Psychiatry - [Program Overview](#)**  
Susan Bryan, [sbryan@mail.mcg.edu](mailto:sbryan@mail.mcg.edu)

### **Radiology**

**Diagnostic Radiology - [Program Overview](#)**  
Miriam Bockhold, [mbockhol@mail.mcg.edu](mailto:mbockhol@mail.mcg.edu)

**Surgery - General - [Program Overview](#)**  
Judy Tyler, [jtyler@mail.mcg.edu](mailto:jtyler@mail.mcg.edu)

### **Surgery - Subspeciality**



**[Neurosurgery - Program Overview](#)**

Ashley Davis, [asdavis@mail.mcg.edu](mailto:asdavis@mail.mcg.edu)

**[Orthopaedic - Program Overview](#)**

Ruby Parker, [rparker@mail.mcg.edu](mailto:rparker@mail.mcg.edu)

**[Otolaryngology - Program Overview](#)**

Nancy Edenfield, [nedenfie@mail.mcg.edu](mailto:nedenfie@mail.mcg.edu)

**[Plastic - Program Overview](#)**

Kathy Bowman, [kbowman@mail.mcg.edu](mailto:kbowman@mail.mcg.edu)

**[Thoracic - Program Overview](#)**

Debra Clark, [declark@mail.mcg.edu](mailto:declark@mail.mcg.edu)

**[Urology - Program Overview](#)**

Olivia Mitchell, [omitchel@mail.mcg.edu](mailto:omitchel@mail.mcg.edu)

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**Prosthodontics - [Program Overview](#)**

**General, Pediatric and Prosthodontic Dentistry, Oral and Maxillofacial Surgery**

Paula Harwell, [paulahar@mail.mcg.edu](mailto:paulahar@mail.mcg.edu)

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**[GME Home Page](#) | [Medical College of Georgia](#)**



The Department of Anesthesiology embraces the concept that postgraduate medical education is an integral component in the continuum of medical education. It is the objective of this program "to provide education, training, and experience in an atmosphere of mutual respect between instructor and resident so that the resident will be stimulated and prepared to apply his acquired knowledge and talents independently . . ." in the practice of anesthesiology.

# Welcome to the Anesthesiology Residency Program at the Medical College of Georgia

## General Information

- [Program Description](#)
- [Residents' Responsibilities](#)
- [Clinical Anesthesia Training](#)
- [Resident Rotation Schedule](#)
- [Call Schedules](#)
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## Other Information

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[Anesthesiology Residency](#) | [Dept. Anesthesiology](#)  
[Graduate Medical Education](#) | [Medical College of Georgia](#)

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Please email comments, suggestions or questions to:  
Susan Dawkins, [sdawkins@mail.mcg.edu](mailto:sdawkins@mail.mcg.edu)

August 07, 2001

# MCG Family Medicine Residency Program

## Welcome

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[- Research/Faculty](#)

[Development](#)

**Programs &**

**Resources:**

[- Predoctoral Programs](#)

[- Residency Program](#)

[- Contact Information](#)

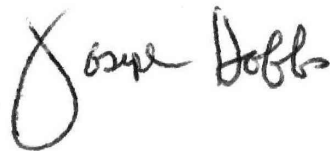
## Welcome



Thank you for your interest in the Family Medicine Residency training program at the Medical College of Georgia.

Choosing a residency program is one of the most important decisions of your medical career. A broad base of knowledge and clinical skills are required by the discipline. Our family medicine residency program offers the opportunity for the new physician to further develop his or her medical knowledge and skills in a variety of areas.

We also have an outstanding faculty whose varied interests allow residents to participate in several areas of special interest including geriatrics, behavioral medicine, office laboratories, pharmacokinetics and health promotion. We are proud of our program and confident that it provides an excellent opportunity for residents to receive a superior postgraduate education in a community-oriented setting.

A handwritten signature in black ink that reads "Joseph Hobbs". The signature is written in a cursive style.

### **Joseph Hobbs, M.D.**

*Professor, Department of Family Medicine  
GAFPs' J.W. Tollison, M.D., Distinguished Chair*



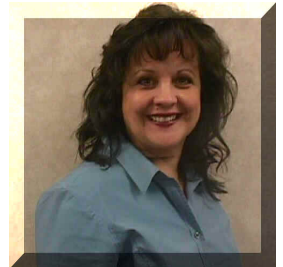
The Medical College of Georgia Family Medicine Residency Program was established in 1973 and is fully accredited by the Accreditation Council for Graduate Medical Education. The three-year program includes a variety of clinical rotations which help to establish the broad base of knowledge needed to practice family medicine.

In addition to the fully equipped Family Medicine Center where residents treat patients in continuity, residents rotate through the main teaching hospital at the

Medical College of Georgia and at our affiliate, University Hospital. Three rural satellite clinics are staffed entirely by our residents and faculty and provide insight into the unique problems encountered in rural health care. These patient resources, the Family Medicine Consult Services and the resources offered by the Medical College of Georgia provide excellent resident training.

We participate in the Electronic Residency Application Service (ERAS) which transmits residency applications, letters of recommendations, Dean's letters, transcripts and other supporting credentials to residency program directors via the Internet. The ERAS website is <http://www.aamc.org/about/progemph/eras>.

We encourage you to visit our department and learn more about the advantages and opportunities our residency program offers. If you are interested in speaking with a representative from the program, please call our program coordinator, Julie Hammond, at 1-800-729-3157 or locally, 721-3157. Or, you can email her (see below) or request more information via an online [request form](#).



A handwritten signature in black ink that reads "Paul D. Forney". The script is cursive and fluid.

**Paul D. Forney, M.D.**

*Associate Professor and Vice Chairman  
Director, Resident Educational Programs*

A handwritten signature in black ink that reads "Julia E. Hendrich". The script is cursive and elegant.

**Julia Hendrich, M.D.**

*Assistant Professor  
Associate Director, Resident Educational Programs*

A handwritten signature in black ink that reads "David Jester". The script is cursive and somewhat stylized.

**David Jester, M.D.**

*Assistant Professor  
Chairman, Residency Curriculum Committee  
Director, Student Educational Programs*

A handwritten signature in black ink that reads "Julie Hammond". The script is cursive and somewhat stylized.

**Julie Hammond**

*Coordinator, Residency Training Program*

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Please email comments, suggestions or questions to:  
Tonia Story, [residency@mail.mcg.edu](mailto:residency@mail.mcg.edu)  
December 12, 2001



# Internal Medicine Postgraduate Training Programs

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- [Mission Statement](#)
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## The Training Program:

- [A Year by Year Perspective](#)

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### AN AFFIRMATIVE ACTION EQUAL OPPORTUNITY EDUCATIONAL INSTITUTION

No person shall, on the grounds 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.

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[Medical College of Georgia](#)

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Please email comments, suggestions or questions to:  
Kathy Kline, [kkline@mail.mcg.edu](mailto:kkline@mail.mcg.edu)

November 29, 2001

## General Information

- ▶ [Residency Programs](#)
- ▶ [Graduate Medical Education Programs General Information Booklet](#)  
(25 page PDF file)
- ▶ [Application for Graduate Medical Education](#)  
(3 page PDF file)
- ▶ [ERAS, Electronic Residency Application Service](#)
- ▶ [General Residency Information](#)
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- ▶ [Program Coordinator Information and Forms](#)

## Allergy-Immunology Residency Training Program, Pediatrics and Medicine

### Address for Applications:

Allergy-Immunology Section  
Medical College of Georgia  
Augusta, GA 30912

Telephone: (706) 721-3531  
Fax: (706) 721-2527

### Program Faculty:

**Director:** [Dennis R. Ownby, MD](#)

[Betty B. Wray, MD](#)

[William K. Dolen, MD](#)

[Carol F. Meyer, MD](#)

### Major Goals of Training Program:

The major goal of the program is to produce allergists/clinical immunologists who are prepared for current practice and for staying abreast of new developments in the field. This is a totally integrated Pediatric-Internal Medicine program, providing experience with patients of all ages throughout the entire fellowship. Residents are expected to participate in clinical and bench research projects and to make presentations at national meetings and prepare peer-review publications. Major research emphasis is on fungal allergen characterization, allergy diagnostic testing, asthma in children and fire ant sensitivity.

**Trainees Accepted Each Year:** 1 Medicine, 1 Pediatric

**Duration of Fellowship:** 2 years

- ▶ [Useful Addresses](#)
- ▶ [Office of Recruitment and Retention](#)

## **Number of Graduates Last 5 Years and Subsequent Career Choice:**

Pediatrics: 5 (private)  
Medicine: 4 (private)  
Combined: 0

## **WWW Resources**

- ▶ [Educational Commission on Foreign Medical Graduates \(ECFMG\)](#)
- ▶ [Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- ▶ [Other Useful Links](#)

**Application Deadline:** April 1 of preceding year

**Joint Residency (Fellowship) Availability:** No

**Diagnostic (and Clinical) Laboratory Immunology Training Program Availability:** No

**Electives for Residents and Students:** Yes

**Special Requirements:** ABIM or ABP eligible or certified

## **Directories and Maps**

- ▶ [Institutional Faculty List Online](#)
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Please email comments, suggestions or questions to:  
Joan Fichtel, [jfichtel@mail.mcg.edu](mailto:jfichtel@mail.mcg.edu)

August 09, 2001

## General Information

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- ▶ [Useful Addresses](#)

# *Residencies & Fellowships in...*

## Allergy/Immunology

*Dennis R. Ownby, M.D., Professor of Pediatrics and Medicine, Chief Allergy- Immunology Section, Program Director*

*Phone: (706) 721-3531*

*Length: 2 years*

*Accepted:*

*Program Year 1: 3*

*Program Year 2: 3*

*NRMP Match: No*

The Section of Allergy and Immunology provides an active educational program for residents and fellows, primarily based on patient care with supplementation from clinical research and teaching conferences. Emphasizing ambulatory care, residents are supervised while managing patients with a variety of allergic and immunologic diseases. The most common problems are asthma and allergic rhinoconjunctivitis but other less common problems such as drug reactions, chronic urticaria, insect allergy, immunodeficiency and sinusitis are also seen. Residents participate in inpatient rounds and consultations. Through hands-on experience, they develop skills in interpreting pertinent skin tests, immunologic laboratory tests and pulmonary function studies. Current research interests of the section include asthma and allergic fungal sinusitis.

A two-year fellowship is offered, providing well-balanced exposure to patients of all ages, and opportunities for clinical research.

## Cardiology

*L. Michael Prisant, M.D., F.A.C.C., F.A.C.P., Professor, Director of Fellowship Training, Director of Hypertension Unit, Section of Cardiology*

*Phone: (706) 721-2736*

*Length: 36 months*

*Accepted: 3/year*

*NRMP Match: Yes*

- ▶ [Office of Recruitment and Retention](#)

The Section of Cardiology provides primary cardiovascular care for patients with common cardiac and vascular disorders as well as secondary and tertiary care for patients with more complex problems. Residents may rotate on the consultation services and cardiac care units at MCG and the VA Medical Center.

## WWW Resources

- ▶ [Educational Commission on Foreign Medical Graduates \(ECFMG\)](#)
- ▶ [Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- ▶ [Other Useful Links](#)

Clinical laboratories support the evaluation and management of all cardiac patients: cardiac ultrasound (including special echo procedures); long-term (Holter) monitor recording; ambulatory blood pressure recording; exercise stress testing; nuclear cardiology studies (thallium stress and dipyridamole studies, radio nuclide ventricular function studies- MUGA); electrophysiology (programmed electrical stimulation, tilt testing, radio-frequency ablation, cardiac pacemakers, implantable defibrillators); and cardiac catheterization (diagnostic catheterization and angiography, angioplasty, atherectomy, stent placement). The section has a hypertension unit and works in close cooperation with the section of Thoracic and Cardiac Surgery.

A three-year fellowship program is available in cardiology and basic science research opportunities are available.

## Dermatology

*Ralph J. Caruana, M.D., Professor and Interim Chairman*

*Jack L. Leshner, Jr., M.D., Professor and Chief of Section, Program Director*

*Phone: (706) 721-6231*

*Length: 3 years*

*Accepted: 3/year*

*NRMP Match: Yes*

The three-year residency training program in dermatology emphasizes both clinical and basic scientific aspects of cutaneous medicine and surgery, including Mohs micrographic surgery and laser surgery. Outpatients are seen in the Dermatology Practice Site at the Ambulatory Care Center as well as the Veterans Administration Medical Center. Inpatients are seen at MCG Hospitals and Clinics and the VA.

The training program is graduated with increased responsibility in the care of patients throughout the program. Regular weekly conferences include morphology, grand rounds, book review, basic science lectures, journal club, and histopathology. To develop the critical capacity necessary to evaluate advances in dermatology, residents must complete a manuscript suitable for publication each year during their three-year training period and prepare presentations for regional and national meetings. Residents also play an active role in teaching students and residents from other sections.

## Endocrinology, Diabetes and Metabolism

*Katarzyna Sadurska, M.D., Assistant Professor of Medicine,*

## Directories and Maps

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*Director, Comprehensive Diabetes Care Center & Director,  
Endocrinology Training Program*

*Phone: (706) 721-2131*

*Length : 2 years*

*Accepted: 1/year*

*NRMP Match: no*

The Endocrinology Program is fairly flexible, designed to fit the individual needs of each trainee whenever possible. Training experiences include our Inpatient Endocrinology Consult Service, and access to all of our outpatient clinics (diabetes, thyroid, lipid, bone and general endocrine).

During the two-year fellowship the fellow is responsible for an endocrine clinic at the VA, held each Thursday afternoon, and a clinic at MCG supervised by one of our attendings. In both of these clinics the fellow sees patients with a variety of endocrine problems.

Elective periods during the fellowship usually include Reproductive Endocrinology, Pediatric Endocrinology, Hypertension Clinic, Stone Clinic, Nuclear Medicine and several research blocks. The fellow learns to perform Fine Needle Aspirations under the supervision of an attending physician. The fellow learns to perform and interpret Bone Densitometry Analysis scans.

Lecture experiences include Diabetes and Nutrition Clinical Conference Series, Endocrine Grand Rounds, Endocrine Journal Club (with MKSAP review), Reproductive Endocrinology Grand Rounds and Medicine Grand Rounds. During Endocrine Grand Rounds, the fellow must present a number of case conferences. Our Journal Club enables open discussion of current articles and a time to review MKSAP questions.

## **Gastroenterology and Hepatology**

*Robert R. Schade, M.D., Professor, Chief of Section, Fellowship  
Program Director*

*Phone: (706) 721-2238*

*Length: 3 Years*

*Accepted: 1-2/year*

*NRMP Match: No*

Clinical training in the Section of Gastroenterology and Hepatology ensures exposure to a wide range of gastroenterologic problems and broad experience in gastrointestinal endoscopy and nutrition.

The general medicine resident rotating on this service either at MCG Hospitals and Clinics or at the VA Medical Center functions as a member of the consultative team,

participates in outpatient clinic activities, and has the opportunity to learn fiberoptic flexible sigmoidoscopy.

Clinical research programs include drug therapy for gastrointestinal disease, therapeutic endoscopy, and managing complications of pancreatitis. Basic science research programs are concerned with pyridoxine absorption and metabolism, morphology and cell renewal in the gastrointestinal tract, etiologic mechanisms of pancreatitis including alcohol injury and hormone control of pancreatic molecular synthesis and secretion.

A three-year fellowship includes training in ambulatory and inpatient hepatology and diabetes to include experience in basic or clinical research.

## **Hematology/Oncology**

*Russell E. Burgess, M.D., Chief and Associate Professor*

*Phone: (706) 721-2505*

*Length: 2 Years Hematology*

*Or 3 Years Hematology/Medical Oncology*

*Accepted: 1/Year*

*NRMP Match: No*

The Section of Hematology and Medical Oncology provides a multifaceted program of education, clinical care and research. A residency elective provides inpatient and outpatient experience and emphasizes the diagnosis and treatment of common neoplastic and hematologic disorders.

Clinical and research opportunities are provided by the section's participation in the activities of an interdisciplinary cancer clinic, a number of cancer chemotherapy group studies, the Comprehensive Sickle Cell Center and a comprehensive hemophilia care program.

Two- and three-year fellowships are available in both medical oncology and hematology.

## **Infectious Disease**

*J. Peter Rissing, M.D., Professor, Chief of Section, Fellowship Program Director*

*Phone: (706) 721-6695*

*Length: 24 months*

*Accepted: 2/year*

*NRMP Match: No*

The Infectious Disease Fellowship Program includes 12 months of primary consulting responsibility at two large teaching hospitals affiliated with the Medical College of Georgia, two or three ongoing half day clinics weekly, assorted conferences, journal clubs, two months of training in Infection Control and one in Microbiology and an experience in research, usually in a controlled clinical trial. Faculty are eight infectious disease/internal medicine double board-certified physicians. Faculty attend all clinics and consult services. Lifelong learning skills and heuristics are emphasized. Fellows are integrated into the conferences and training programs as peers and mentor students and medicine residents.

## **Nephrology and Hypertension**

*Laura L. Mulloy, D.O., Associate Professor, Chief of Section, Fellowship Program Director*

*Phone: (706) 721-2861*

*Length: 2 Years*

*Accepted: 2-3/year*

*NRMP Match: No*

The Section of Nephrology staffs an inpatient renal and transplantation service at MCG Hospitals and Clinics. Consult services at MCG and the VA Medical Center cover the spectrum of acute and chronic renal failure, acid-base/electrolyte disorders, immunologic renal disease, hypertension and renal artery disease.

Outpatient activities include the hemodialysis center and clinics in renal transplantation, peritoneal dialysis follow-up and general nephrology. Conferences include nephrology grand rounds, renal biopsy, renal imaging, journal club and problem case conferences. Opportunities for clinical research are available with current areas of interest including dialysis, hypertension, transplant immunosuppression, renal osteodystrophy and renal- endocrine interactions.

## **Pulmonary/Critical Care**

*Thomas A. Dillard, M.D., Professor, Fellowship Program Director*

*Phone:(706) 721-2566*

*Length: 3 years*

*Accepted: 2 fellows per year*

*NRMP Match: Yes*

The Fellowship Program in Pulmonary Disease and Critical Care Medicine at the Medical College of Georgia is a well- balanced program of clinical care, teaching and research. Graduates are board eligible in Pulmonary Medicine and Critical Care Medicine

The clinical program emphasizes critical care medicine, pulmonary consultation, chest radiography, bronchoscopy and other diagnostic procedures, sleep disorders, clinical pulmonary physiology, ambulatory care training and tuberculosis control. The Pulmonary Section provides medical direction for the Medical Intensive Care Unit, the Pulmonary Function Lab, the Bronchoscopy Suite, and the Georgia Sleep Center.

## Rheumatology

*Walter J. Moore, M.D., Associate Professor, Chief of Section,  
Fellowship Program Director*

*Phone: (706) 721-2981*

*Length: 2 years*

*Accepted: 2/year alternating with 1/year*

*NRMP Match: No*

The Section of Rheumatology is involved in clinical and laboratory studies related to the broad field of the rheumatic diseases. Adequate numbers of inpatients and outpatients ensure an excellent experience in understanding the problems encountered in this specialty. There also is an opportunity to interpret standard tests and conduct research. Clinics are operated at MCG Hospitals and Clinics and the VA Medical Center. Residents rotating through this service have close teaching contact with fellows and faculty.

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Please email comments, suggestions or questions to  
Holly Walp, [hwalp@mail.mcg.edu](mailto:hwalp@mail.mcg.edu)

November 16, 2001

**Continuing  
Education  
Conferences  
and Courses:**

[Allied Health  
Sciences](#)

[Dental](#)

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[Nursing](#)

[Correspondence](#)

[Grand Rounds](#)

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[Disaster Medicine](#)

## Continuing Medical Education 2001/2002

- 24th Annual  
[Current Views in Allergy and Immunology](#)  
July 2001-June 2002  
Correspondence Course
- 25th Annual  
**Allergy and Immunology**  
July 2002-June 2003  
Correspondence Course
- [Physician's Guide to Practice Management](#)  
(Correspondence Course)
- [Emerging Therapies for Treating the Patient with HCV](#)  
December 5, 2001
- [Telemedicine Tutorial](#)  
January 18, 2002  
Repeated March 8, 2002  
Repeated May 10, 2002  
Repeated July 12, 2002  
Repeated September 13, 2002  
Repeated November 8, 2002
- [The James B. Hudson Annual Nephrology Update](#)  
February 2, 2002
- 37th Annual  
[Primary Care and Family Practice Symposium](#)  
February 11-16, 2002 and April 22-27, 2002
- [Disaster 2002: Are You Prepared?](#)  
February 22-24, 2002



- [Gastroenterology Topics for the Primary Care Physician with a Hands-On Flexible Sigmoidoscopy Workshop](#)  
March 8-9, 2002
- [Pediatric Advanced Life Support 2002](#)  
March 7-8 (Provider only)  
August 21-23 (Instructor/Provider)  
October 9-11 (Instructor/Provider)
- [Botulinum Toxin Treatment of Neurological Disorders](#)  
March 14, 2002
- [Discovering New Knowledge in Ophthalmology](#)  
March 22-23, 2002
- *16th Annual*  
[Pathology Symposium](#)  
March 23-24, 2002
- *4th Annual*  
**Heart and Brain Attack**  
April 11-13, 2002
- **The Child with Neurologic Disabilities**  
April 19-21, 2002
- **Management of Chronic Diseases in Primary Care - A Review Course for Physician Assistants and Nurse Practitioners**  
Spring 2002
- *33rd Annual*  
**Internal Medicine Symposium**  
June 24-29, 2002
- *22nd Annual*  
**Obstetrics and Gynecology**  
July 8-11, 2002
- *6th Annual*  
**Medical and Surgical Approaches to GI Disorders**  
July 15-19, 2002

- *12th Annual*  
**Neurology for the Non-Neurologists**  
July 21-24, 2002
- *25th Annual*  
**Pediatric Update**  
July 22-25, 2002
- *24th Annual*  
**Critical Care Medicine**  
July 29-August 2, 2002
- *12th Annual*  
**Sleep Disorders**  
August 14-18, 2002
- *9th Annual*  
**Primary Care Issues in Endocrine, Renal and Metabolic Disease**  
**October 25-27, 2002**
- **Neonatology**  
Fall 2002
- *6th Annual*  
**Transcranial Doppler in Children with Sickle Cell Diseases**  
Summer 2002
- [Oral Manifestations of HIV Infection](#)  
Internet/web Course
- [NeuroList](#)  
Internet/web course for Neurologists

**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**

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Please email comments, suggestions or questions to  
Lynn Hord-Thigpen, [lbthigpen@mail.mcg.edu](mailto:lbthigpen@mail.mcg.edu)

January 30, 2002

# Current Views in Allergy and Immunology

**Continuing Education  
Conferences and  
Courses:**

**24th Annual Correspondence Course**

[Allied Health Sciences](#)

**July 2001–June 2002**

[Dental](#)

**Presented by**

[Medical](#)

**School of Medicine**

[Nursing](#)

**Medical College of Georgia**

[Correspondence](#)

**in Cooperation with**

[Grand Rounds](#)

**The American Academy of**

[Internet-based](#)

**Allergy, Asthma and Immunology**

[Research](#)

## **OBJECTIVES**

This series of programs, now in its 24th year, presents current information about allergy and immunology topics requested by participants in the series.

[Disaster Medicine](#)

### **July 2001—Emerging Therapies—John Condemi, M.D.**

- Learn about drugs modified to improve safety
- Learn the role of selective inhibition of IgE on the allergic cascade
- Learn about drugs in the early phase of development

### **September 2001—Hidden Food Allergens—Steve Taylor, Ph.D.**

- Identify industry practices and food categories that may harbor hidden food allergens
- Review existing information on products and ingredients patients with allergies should avoid

### **November 2001—Chronic Eosinophilic Hyperplastic Sinusitis—Larry Borish, M.D.**

- Understand the pathophysiology of CHS, a disease of prominent eosinophilic inflammation
- Understand the limited roles of antibiotics and surgical drainage in treating this condition
- Review current medical treatments including saline irrigation, topical corticosteroids, leukotriene modifiers and aspirin desensitization

**January 2002—Occupational Asthma – Anthony Montanaro, M.D.**

- Recognize the signs and symptoms of asthma in the elderly
- Formulate treatment plans with low side effects profiles for the elderly asthmatic
- Establish a differential diagnosis of asthma in the elderly including other cardiopulmonary disorders

**March 2002—Asthma and Rhinitis in the Pregnant Woman- Michael Schatz, M.D.**

- Understand how asthma/rhinitis and pregnancy interrelate
- Understand the rationale for medication choices for asthma and rhinitis during pregnancy

**May 2002—Factitious Allergic Disease—Paul A. Greenberger, M.D.**

- Learn to differentiate Munchausen's Syndrome from undifferentiated somatoform idiopathic anaphylaxis
- Differentiate Munchausen's stridor from Munchausen's anaphylaxis
- Learn tips for diagnosing vocal cord dysfunction
- Learn to treat patients with multiple factitious conditions

**FACULTY**

**Larry Borish, M.D.**, Associate Professor of Medicine, University of Virginia Health System, Charlottesville, Virginia

**John Condemi, M.D.**, Clinical Professor of Medicine, University of Rochester, and Director of AAIR Research Center

**Paul A. Greenberger, M.D.**, Director, Allergy-Immunology Fellowship Program and Professor of Medicine, Division of Allergy-Immunology, Northwestern University Medical School, Chicago, Illinois

**Anthony Montanaro, M.D.**, Professor of Medicine and Chief, Division of Allergy and Immunology, Oregon Health Sciences University, Portland, Oregon

**Michael Schatz, M.D.**, Chief, Department of Allergy, Kaiser-Permanente Medical Center, San Diego, California and Clinical Professor, Department of Medicine, University of California in San Diego, School of Medicine

**Steve Taylor, Ph.D.**, Professor and Head of the Department of Food Sciences and Technology, Director of Food Processing Center and Co-Director of Food Allergy Research and Resource Program at the University of Nebraska in Lincoln

## DISCLOSURE

The Medical College of Georgia School of Medicine endorses the Standards of the Accreditation Council for Continuing Medical Education regarding commercial support of educational activities. Although a speaker's relationship with a corporate organization does not necessarily influence the educational presentation, the relationship must be made known to the audience in advance.

Dr. Condeemi is a member of the Speakers' Bureau for Astra, Aventis, Genentech, Glaxo Wellcome, Janssen, Merck, Pfizer, Schering-Plough, Searle, Sepracor and UCB. He has performed pharmaceutical-sponsored research for Abbott, Amgen, Astra, AutoImmune, Aventis, Bayer, Centorcor, Dey, Forest, Fujisawa Healthcare, Genentech, Glaxo Wellcome, Greer, Hoffman-LaRoche, Immunologic, Janssen, Merck, Miles, Novartis, Ortho, Pan American Laboratories, Pfizer, Purdue Pharma, Roberts, Sandoz, Sanofi, Schering-Plough, Searle, Sepracor, SmithKline Beecham, Snow Brand, Targon, TAP Holdings, Inc., UpJohn, Veldona and Zeneca.

Dr. Schatz receives grant/research support from Astra, Merck and Aventis. He is a member of the Speakers' Bureau for Astra.

Dr. Taylor receives grant and research support from 32 food companies and the United Soybean Board. He is a consultant with food companies including Keebler and DMV International.

## COURSE DESCRIPTION

Current Views in Allergy and Immunology offers six in-depth presentations on subjects most frequently requested by enrollees. Each program includes these options:

- **CD-ROM**
- **A 60-minute audiocassette.** Our expert or group of experts discuss the featured topic
- **Ten to twenty 35mm color slides** (optional) for self-teaching and use in lectures
- **A glossy color reproduction** of each slide
- **A complete script** of the presentation
- **A written outline** of the presentation
- **A reference list** pertaining to the topic
- **Examination questions** included with each program

Enrollees receive a three-ring binder for storing educational materials.

## CREDIT

The Medical College of Georgia School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing

medical education for *physicians*.

The Medical College of Georgia School of Medicine designates this educational activity for a maximum of **18 credit hours in category 1 towards the AMA Physician's Recognition Award**. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

***For Nurses:*** Approval has been requested from the Georgia Nurses' Association which is accredited as an approver of continuing education in nursing by the American Nurses Credentialing Center Commission on Accreditation.

***For other Health Care Professionals:*** The instructional time in this course is 18 hours, and upon successful completion of the course, 1.8 Continuing Education Units (CEUs) will be awarded by the Medical College of Georgia.

**Written examination questions** will be included with each program. Record your answers on the provided answer sheet as you study. The sheet should be returned to the Medical College of Georgia at the end of the enrollment period. Each examination will be graded and returned along with the correct answers. Enrollees must complete the examination and the course evaluation form to receive credit.

This CME activity was planned and produced in accordance with the ACCME Essentials.

## **IMPORTANT FEATURES**

- Convenient and affordable
- Direct savings—no travel or hotel expenses
- Indirect savings—no loss of practice income
- Current and practical information
- Nationally recognized speakers
- Your office staff can share materials
- Topics requested by participants
- Color slides available
- Publishing since 1978

We believe you want continuing medical education to be convenient, stimulating, useful and reasonably priced. Meeting these needs is the purpose of Current Views in Allergy and Immunology.

## **SPECIAL FEATURE**

Send questions or comments regarding the presentations to the Division of Continuing Education by e-mail at [currenttv@mail.mcg.edu](mailto:currenttv@mail.mcg.edu) or by fax, (706) 721-4642, and our experts will contact you.



## FOR YOUR LIBRARY

Program materials for previous Current Views issues published prior to July 2000 may be purchased for \$200 per unit of six consecutive programs or \$50 per individual program. We will be pleased to send you a catalogue of these available materials in response to your request. Past programs are not available on CD-ROM.

## EDUCATIONAL PROGRAM COMMITTEE

The topics for Current Views in Allergy and Immunology programs originate with enrollees' requests. Your suggestions are referred to our Educational Program Committee composed of nationally recognized experts. Members of the Committee are:

John J. Condemi, M.D.*	Vickie Redd, R.N.
Amy Delaney, B.S.N.	Robert E. Reisman, M.D.*
William K. Dolen, M.D.***	Chester T. Stafford, M.D.
Dennis R. Ownby, M.D.** ***	Betty B. Wray, M.D.

\* Representing the American Academy of Allergy, Asthma & Immunology

\*\* Director of Allergy-Immunology program, Medical College of Georgia

\*\*\* Course Co-Directors

## ACKNOWLEDGMENT

We thank *Aventis Pharmaceuticals* for providing an educational grant to support this course.

## ENROLLMENT

Enrollment is on an annual basis with the course beginning in July. Programs will be received in July, September, November, January, March, and May. You may enroll at any time during the course year.

## REGISTRATION FEE

The annual enrollment fees for individuals in the United States, Canada and Puerto Rico are identified here:

\$445	CD-ROM with notebook, printed material, 35mm slides and audiocassette tape
\$395	CD-ROM with notebook, printed material plus 35mm slides
\$370	CD-ROM with notebook, printed material plus audiocassette tape (no slides)

\$320	CD-ROM with notebook, printed material (no slides)
\$315	Notebook with printed material/audiocassette tape plus 35mm slides
\$240	Notebook with printed material/audiocassette tape (no slides)

Add \$50 for locations other than the United States, Canada and Puerto Rico. Checks from outside the United States must be written for the specified fee in United States currency and drawn on a United States bank.

In recognition of **possible sharing of educational materials**, physicians, nurses and other health care professionals who do not wish to purchase the educational materials for this course may enroll for **the reduced fee of \$100 for physicians and \$50 for nurses and other health care professionals** for the six programs from July 2001–June 2002. Individuals may enroll at a reduced fee if they share the course materials purchased by another enrollee who pays the full fee. To register at a reduced fee, a person must specify on the registration form the enrollee whose course materials he/she plans to use. Individuals who register at the reduced fee must complete the examination and course evaluation to receive full credit.

**Questions should be directed to:**

Division of Continuing Education  
 Medical College of Georgia  
 Augusta, Georgia 30912

Phone: (800) 221-6437 or (706) 721-3967

You may fax registrations with payment by credit card to (706) 721-4642 or [register online](#).

The Medical College of Georgia reserves the right to rearrange or change the schedule of programs if unforeseen circumstances occur.

Information on upcoming programs at the Medical College of Georgia can now be accessed via the Internet. For details regarding future courses, contact Continuing Education by [e-mail](#) or visit the Medical College of Georgia [Continuing Education Web Page](#).

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Please email comments, suggestions or questions to  
Patricia White at Current Views, [currentv@mail.mcg.edu](mailto:currentv@mail.mcg.edu)

December 14, 2001

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**The Physician's Guide  
to  
Practice Management  
Correspondence Course**

Presented by  
Department of Health Information Management  
School of Allied Health Sciences  
Medical College of Georgia  
Augusta, Georgia

Current and Practical Information  
50 Hours CME  
Meets Best Practice Guidelines  
for Most State Agencies

**Objectives**

This educational offering acquaints physicians and other appropriate office staff with strategies to efficiently and effectively manage a medical practice. The guide is divided into modules, each covering a different area of practice management.

**Modules include the following topics:**

- Patient Record Content and Documentation
- Patient Record Maintenance
- Legal Aspects of Patient Information
- Human Resource Management
- Reimbursement
- Quality Management
- Automation
- Office Administration

**Important Features**

- Convenient and affordable
- Direct savings—no travel or hotel expenses
- Indirect savings—no loss of practice income
- Current and practical information

- Nationally recognized speakers
- Topics requested by licensure agents

## Course Description

This correspondence course offers eight modules to teach efficient practice management. The module text is followed by a bibliography of references. Following the references are case studies for "hands-on" learning. After each module, the learner responds to a variety of evaluation activities, including case studies.

These responses are returned to course faculty to be reviewed. Enrollees will receive from faculty an assessment of their responses as well as comments and suggestions. After completing the modules, the learner is directed to develop a business plan for his/her practice. The plan is reviewed by the course faculty. **Enrollees must complete all modules, develop a business plan and complete an overall course evaluation in order to receive course credit.**

## Faculty

All course instructors hold appointments in the Department of Health Information Management at the Medical College of Georgia, School of Allied Health Sciences in Augusta, Georgia.

**Carol Campbell, D.B.A., R.H.I.A.**, chairs the Department of Health Information Management (HIM) and she serves as the primary course instructor for the Physician's Guide to Practice Management. She holds a doctoral degree in business administration and is a credentialed Registered Health Information Administrator. Dr. Campbell's areas of expertise include business administration, human resource management and mediation.

**Amanda Carroll-Barefield, M.S.A., R.H.I.A., L.N.H.A.**, is an Instructor in the Department of HIM. She has a Master of Science degree in Administration, is a licensed nursing home administrator and is a Registered Health Information Administrator. Ms. Carroll-Barefield's areas of expertise include legal aspects of health information management, health care delivery systems and data management.

**Jim Condon, R.H.I.A., C.T.R.**, is an Instructor in the Department of HIM. He is credentialed as a Registered Health Information Administrator and is a Certified Tumor Registrar. Mr. Condon's areas of expertise include record processing practices, health care finance and fundamentals of database design.

**Lori Prince, M.S.A., R.H.I.A.**, is an Assistant Professor in the Department of HIM. She has a Master of Science Degree in Administration and is a Registered Health Information Administrator. Ms. Prince's areas of expertise include quality management, reimbursement and coding systems.

**Sherry Smith, M.S.A., R.H.I.A.**, is an Instructor in the Department of HIM. She has a Master of Science degree in Administration with a concentration in Information Resource Management. She holds a Graduate Certificate in Health Services Administration. Ms. Smith is credentialed as a Registered Health Information Administrator. Her areas of expertise include database design, information systems analysis and implementation.

## Credit

The Medical College of Georgia School of Medicine is accredited by the Accreditation

Council for Continuing Medical Education to provide continuing medical education for physicians.

The Medical College of Georgia School of Medicine designates this continuing medical education activity for a **maximum of 50 credit hours in category 1 credit toward the AMA Physician's Recognition Award**. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

For other health care professionals: The instructional time in this course is 50 hours. Upon successful completion of the course, **5 Continuing Education Units (CEUs)** will be awarded by the Medical College of Georgia.

### **Special Feature**

Send questions or comments regarding the modules to Current Views by fax at (706) 721-4642 or e-mail: [currentv@mail.mcg.edu](mailto:currentv@mail.mcg.edu), and our experts will contact you.

### **Registration Fee**

The registration fee is \$1,400 for the entire course. Please use the registration form on our [secure registration site](#). The registration fee, less a \$100 administrative charge, is refundable if notification of cancellation is received within 30 days of initial registration and all course materials are returned.

### **Send registration form to:**

Division of Continuing Education, Medical College of Georgia, Augusta, Georgia 30912. Phone: (800) 221-6437 or (706) 721-3967. You may fax registrations with payment by credit card to (706) 721-4642 or [register online](#).

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## Emerging Therapies for Treating the Patient with HCV - A Video Teleconference

**December 5, 2001  
1:00 - 3:00 p.m.**

**Presented by  
School of Medicine  
Medical College of Georgia**

**Originating from  
VA Medical Center  
Augusta, GA**

This educational activity will be presented via video teleconference to the VISN 7 Network. For information about the program for specific locations, use the information below to contact that specific medical center. Please do not contact the Division of Continuing Education at the Medical College of Georgia for details about specific locations.

### VISN 7: THE ATLANTA NETWORK

Atlanta VA Medical Center Decatur, GA	Denis Roy 1670 Clairmont Road Decatur, GA 30033 404-327-4982
Augusta VA Medical Center Augusta, GA	Russell Baltzegar One Freedom Way Augusta, GA 30904-6285 706-733-0188, extension 2776
Birmingham VA Medical Center Birmingham, AL	Clarence Pleasant 700 South 19th Street Birmingham, AL 35233 205-933-8101, extension 2841
Central Alabama Veterans Healthcare System Montgomery, AL	Michael Spann 215 Perry Hill Rd Montgomery, AL 36109 334-260-4141

Ralph H. Johnson VA Medical Center Charleston, SC	Thomas Nash 109 Bee Street Charleston, SC 29401 843-577-5011, extension 6036
Wm. Jennings Bryan Dorm VA Medical Center Columbia, SC	Jim Peden 6439 Garnes Ferry Rd Columbia, SC 29209 803-776-4000, extension 4357
Carl Vinson VA Medical Center Dublin, GA	Jean Cannon 1826 Veterans Blvd Dublin, GA 31021 478-272-1210
VA Medical Center Tuscaloosa, AL 35404	Wes Crum 3701 Loop Road, East Tuscaloosa, AL 35404 205-554-2000, extension 2981

### **ACKNOWLEDGEMENT:**

We thank Roche Pharmaceuticals for providing an educational grant to support this activity.

### **CREDIT AND REGISTRATION**

The Medical College of Georgia School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Medical College of Georgia School of Medicine designates this educational activity for a maximum of **2 credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association**. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

The scheduled instructional time in this course is 2 hours and attendance at the entire program is approved by the Medical College of Georgia for **.2 Continuing Education Unit (CEU)**.

### **IMPORTANT NOTE:**

To obtain credit for attending this program, each individual must complete the registration and evaluation form and verify attendance by signing in at the program site. The completed forms must be given to the facilitator at that location. All completed forms will be sent at one time to the Division of Continuing Education at the Medical College of Georgia. Forms must be received in the Division of Continuing Education office by December 21, 2001. **Only those individuals who complete the form and verify attendance by signing in at the program site are eligible to receive credit for their participation.**



You may access the [registration form and the evaluation online](#) before the presentation. Completed forms must be given to the facilitator at the site after the program.

To access the speaker's outlines before the presentation, go to the page with the speaker's materials:

- [Dr. Balart](#)
- [Dr. Raison](#)
- [Dr. Rossi](#)

If you need to contact the MCG Division of Continuing Education, you may contact them by:

**Mail:**

Division of Continuing Education  
Medical College of Georgia  
Augusta, GA 30912

**Phone:** (800) 221-6437 or (706) 721-3967.

**Fax:** (706) 721-4642.

## **SCHEDULE**

### **Wednesday, December 5, 2001**

- 1:00 **Introduction to Course**  
[Robert R. Schade, M.D.](#)
- 1:05 **Pharmacology of the HCV Therapies**  
[Stephen J. Rossi, Pharm.D.](#)
- 1:40 **Newer Therapies for HCV**  
[Luis A. Balart, M.D.](#)
- 2:15 **Recognizing and Treating Neuropsychiatric Side Effects of Interferon-Alpha**  
[Charles L. Raison, M.D.](#)
- 2:50 **Questions and Answers**

## **COURSE DIRECTOR**

[Robert M. Schade, M.D.](#), Chief of Gastroenterology and Hepatology;  
Professor of Medicine, Medical College of Georgia

## **GUEST FACULTY**

[Luis A. Balart, M.D.](#) Chief, Section of Gastroenterology, Louisiana State University School of Medicine

[Stephen J. Rossi, Pharm.D.](#), Director, Viral Hepatitis Clinical Research, Veterans Administration

[Charles L. Raison, M.D.](#) Director, Consultation Liaison Services, Grady Health System, Atlanta, GA; Assistant Professor, Department of Psychiatry and Behavioral Science, Emory University School of Medicine, Atlanta, GA

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Lynn Hord-Thigpen, [lbthigpen@mail.mcg.edu](mailto:lbthigpen@mail.mcg.edu)

December 03, 2001

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## Telemedicine Tutorial

The Telemedicine/Telehealth Tutorial is a three-hour Medical College of Georgia Continuing Education course designed to introduce participants to the clinical, operational, technical and local research aspects of telemedicine. **Participants are given an opportunity to see two examples of telemedicine systems.** Applications such as remote consultation and home health care are also discussed. Refreshments and course materials are provided.

Please [contact us](#) for information about continuing education credit.

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## 2002 Tutorials

~~January 11, 2002~~ **January 18, 2002**

March 8, 2002

May 10, 2002

July 12, 2002

September 13, 2002

November 8, 2002

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## Agenda

Welcome	1:00 pm
Overviews of General, Clinical, Clinical Applications Research and Technical Aspects of Telemedicine	1:05 pm
<i>Break</i>	2:00 pm
Operational Overview, followed by Equipment Exhibitions and Q&A	2:10 pm
Adjourn	3:30 pm

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## Registration

For registration information, call or fax:

Division of Continuing Education  
Medical College of Georgia  
1120 15th Street, FI 1066  
Augusta, Georgia 30912-1400

Phone: 800/221-6347 or 706/721-3967

Fax: 706/721-4642

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## Credit

Please [contact us](#) for information relating to continuing education credit.

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Please email comments, suggestions or questions to:  
Dora Norton, [donorton@mail.mcg.edu](mailto:donorton@mail.mcg.edu)

December 20, 2001

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# The Fourth Annual James B. Hudson Nephrology Update

February 2, 2002

Presented by  
School of Medicine  
Medical College of Georgia

At  
MCG Alumni Center  
Augusta, Georgia

## OBJECTIVES

This course for nephrologists provides an update on important topics in renal medicine, hypertension and transplantation. Attendees can use this information to enhance patient care.

## LOCATION

All sessions will be held at the MCG Alumni Center, Augusta, Georgia.

## PROGRAM SCHEDULE

### Saturday, February 2, 2002

7:15 **Registration**

Alumni Center, Garden Room

7:30 **Opening Remarks**

Laura L. Mulloy, D.O.

7:45 **Channelopathies—Possible Clues to the Pathogenesis of  
Essential Hypertension**

Harold M. Szerlip, M.D.

- 8:30 Renal Support in Acute Renal Failure—"What We Know We Don't Know"  
Paul Palevsky, M.D.
- 9:15 Transplant Update—Issues Effecting Long-Term Allograft Survival  
Sundarm Hariharan, M.D.
- 10:00 Break
- 10:15 State-of-the-Art: Focal and Segmental Glomerulosclerosis  
Fred Silva, M.D.
- 11:00 Arthur L. Humphries Keynote Lecture  
Dialysis Delivery—"Putting the Pedal to the Metal"  
Joachim Hertel, M.D.
- 11:45 Lunch (provided)
- 12:45 Peripheral Arteriosclerosis in Patients with Renal Failure  
James J. Wynn, M.D.
- 1:15 New Strategies for Organ Tolerance  
Oscar H. Grandas, M.D.
- 2:00 Common Concerns in Dialysis Patients  
David E. Mullins, M.D.
- 2:30 Break
- 2:45 New Immunosuppressive Agents in Renal Transplantation  
Muralidharan Jagadeesan, M.B.B.S.
- 3:30 Acid-Base and Electrolyte Abnormalities in the ICU  
Pamela J. Fall, M.D.
- 4:15 Pregnancy in Renal Failure, Dialysis and Transplantation  
Laura L. Mulloy, D.O.
- 5:00 Reception—Alumni Center, Garden Room

## CREDIT

The Medical College of Georgia School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Medical College of Georgia School of Medicine designates this educational activity for a maximum of 7.75 credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association. Each physician should claim only those hours that he/she actually spent in the activity.

## REGISTRATION

The registration fee for this course is \$50 and is non-refundable and the [registration form](#) is available online.

[Register securely online](#) or send the Registration Form to:

Division of Continuing Education  
Medical College of Georgia  
Augusta, GA 30912

**Phone:** (800) 221-6437 or (706) 721-3967.

**Fax** registrations with payment by credit card to (706) 721-4642.

## **COMFORT ZONE**

Although every effort is made to have a comfortable temperature in the meeting room, we realize individual comfort zones are different. Please bring a jacket or light wrap in case the room is too cool for your comfort.

## **SPECIAL NEEDS**

The Division of Continuing Education of the Medical College of Georgia complies with the Americans With Disabilities Act. If you require special services, facilities or dietary considerations (vegetarian or otherwise) to support your participation in this continuing education program, contact the conference coordinator at (800) 221-6437 or (706) 721-3967.

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December 14, 2001



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Please email comments, suggestions or questions to:  
Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

December 20, 2001

Medical College of Georgia

# School of Nursing

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The School of Nursing was founded in 1943 and serves as the University System of Georgia's flagship nursing school. To meet the challenges of an evolving health-care system, the School of Nursing prepares nurses at the baccalaureate, masters and doctoral levels.



### 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



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Please email comments, suggestions or questions to:  
Gina Boyd, [gboyd@mail.mcg.edu](mailto:gboyd@mail.mcg.edu)

January 09, 2002

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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 [core curriculum](#) (minimum 2.50 GPA).
2. SAT or ACT scores must be submitted and should either be requested from [Educational Testing Service](#) or [ACT](#), or should appear on the student's high school or college transcript (or other document submitted) for undergraduate applicants.
3. The admissions committee assesses the applicant's motivation and personal qualities needed to successfully complete the program.
4. Two letters of recommendation are required.
5. Applicants whose first language is not English must submit official [TOEFL](#) scores. A minimum score of 213 on the computer-based exam or 550 on the paper exam is required for admission consideration.

### Application Procedures

Application forms with instructions for completing admission procedure may be obtained from the [Office of Academic Admissions](#). Applications will continue to be received until the class has been filled, which is typically by the end of February. Early application is encouraged.

### Immunizations

In addition to the institutional immunization policy, students must have HBV-immunizations and PPD completed before beginning the School of Nursing program; students not completing HBV series must sign a disclaimer.

### Non-Degree Applicants

A student seeking to enroll for nursing courses as a special student, non-degree seeking, should contact the [Office of Academic Admissions](#) for additional information and an application.

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Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

January 30, 2002



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## Institutional Faculty List

A cooperative effort of the [Office of Faculty Affairs](#) and the [Office of Institutional Research and Information](#)

Since its inception in the early 1970s, the Medical College of Georgia's faculty list has served as the institution's official listing of Board of Regents- and/or institutionally-approved faculty. Modeled after the original printed list, the web-based Institutional 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.

Additional enhancements are searchable teaching, research, and clinical activities fields that are maintained by individual faculty. IFL Extras, a toolbar included on each faculty record, provides access to curriculum information, faculty maintained web sites, and publications (both internally generated and via an automatic PubMed search).

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, please visit the Greenblatt Library to obtain one. For any other technical assistance, contact the Office of Institutional Research and Information at 706-721-2703.

**Medical College of Georgia**

Direct inquiries about faculty information  
to the [Office of Faculty Affairs](#).

Comments or questions about the system? Contact [OIRI](#).

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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 [transfer credit policy](#) provides the guidance for all transfer credit decisions for the School of Nursing.

### Transfer Information for R.N Applicants

Registered nurses, graduating from an N.L.N. accredited associate degree nursing program or diploma nursing program and having a Georgia license, may be eligible to transfer into the RN/BSN program offered on the Augusta campus, Athens campus and Gordon College (Barnesville, Ga.) in the fall semester. Prior to enrolling, RN students must complete the 60 semester hours of required [core curriculum](#) with a 3.0 transfer G.P.A. Upon successful completion of 15 semester hours of MCG nursing courses fall semester, 30 semester hours of equivalent credit for previous nursing will be awarded.

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Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

August 07, 2001

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## Estimated Fees and Expenses

In addition to [matriculation and other fees](#) common to all programs, estimated expenses specific to nursing are shown below. These figures are based upon the normal experience of our students. In some cases, costs may be higher.

Estimated additional expenses and fees for nursing students include: books and supplies--\$300 to \$600 per academic year; uniforms--junior year, \$135 and senior year, \$45; other expenses, e.g. (National Board fees, equipment, professional insurance, etc.)--junior year, \$85, senior year, \$180.

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August 07, 2001

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## Bachelor of Science in Nursing Curriculum

### Two-Year Transfer Program

The baccalaureate curriculum plan specifies required courses and sequence in each of the years of the B.S.N. program. Students transfer in after [two years of general preparatory work](#) elsewhere. **Students are accepted at the junior level only.** A minimum of 30 semester hours of nursing course work must be earned in residence. The curriculum focuses on the knowledge and practice of nursing and draws on relevant arts, sciences and the humanities.

All undergraduate nursing students will take the courses listed below plus six credit hours of electives, in addition to the general education core requirements, to complete B.S.N. degree requirements. The nursing courses are taken in sequence beginning the junior year. In the junior and senior years, students will concentrate study in nursing theory and practice and continue study in general education. **Students must complete their core curriculum courses prior to beginning their senior year in nursing.**

### [Curriculum Schema for Two-Year Transfer Program](#)

#### RN to BSN Program

The MCG School of Nursing proudly offers our RN-BSN program for

Registered Nurses who are seeking their Bachelor of Science in Nursing

degree. This degree completion program offers flexibility and accessibility for the RN student through online courses. The utilization of distance learning technology and online courses enable the RN students to complete the program and rarely leave their home communities. The few on-campus classes and lab experiences are offered one day a week on our Augusta and Athens campuses and our satellite campus on Gordon College in Barnesville, Georgia.

[Full Time Curriculum for RN to BSN program](#)

[Part Time Curriculum for RN to BSN program](#)

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August 20, 2001

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# Undergraduate Student Handbook

## Undergraduate Program

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## Accreditation

The Medical College of Georgia is accredited by the [Commission on Colleges of the Southern Association of Colleges and Schools](#) (1866 Southern Lane, Decatur, Georgia, 30033-4097, Tel. 404-679-4501) to award one-year and advanced certificates and degrees at the associate, baccalaureate, masters, first professional, and doctoral levels.

The School of Nursing programs are accredited by the [National League for Nursing Accrediting Commission](#). The school is a member agency of the National League for Nursing Baccalaureate and Higher Degree Program. Please contact the Deputy Director at NLNAC, 350 Hudson Street, New York, NY 10014 (212-989-9393) as a resource for program information.

In addition the school has preliminary approval by the [Commission of Collegiate Nursing Education](#) (CCNE) and

approval by the [Georgia Board of Nursing](#).

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## The Baccalaureate Program

The Baccalaureate curriculum plan specifies the required courses and sequence in each of the two years of the BSN program. Basic students transfer into the program their junior year to begin the upper-division nursing major. The curriculum focuses on the knowledge and practice of nursing and builds on sciences and other relevant general education courses.

Registered nurse students have opportunities for advanced placement in the BSN program, according to the Georgia Statewide Articulation Plan.

The Baccalaureate Degree in Nursing requires 126 semester hours (60 hours of general education courses, 66 hours of upper division nursing courses).

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## Outcomes for the Baccalaureate Nursing Program

Upon completion of the Baccalaureate Nursing Program, the graduate will:

1. Deliver safe, comprehensive nursing care to individuals, families, and communities.
  2. Demonstrate accountability nursing practice.
  3. Demonstrate critical thinking and decision making in health care situations.
  4. Collaborate with members of health care teams and relevant publics to promote wellness and facilitate optimal health.
  5. Seek knowledge as a life long learner to promote professional growth.
  6. Demonstrate leadership and management skills in a beginning professional nursing practice.
- 

## BSN Curriculum Schema

Junior Year		
NUR 3100 Principles of Professional Nursing Practice (4-6-6)	<p>NUR 3101 Foundations I: Concepts of Professional Nursing Practice (2-0-2)</p> <p>NUR 3102 Pathophysiology and Pharmacology I (3-0-3)</p> <p>NUR 3103 Lifespan I: Nursing Care of the Beginning Family (3-6-5)</p> <p>NUR 3104 Lifespan II: Nursing Care of the Young Family (3-6-5)</p>	<p>NUR 3201 Foundations II: Health Care Environments (2-0-2)</p> <p>NUR 3202 Pathophysiology and Pharmacology II (3-0-3)</p> <p>NUR 3203 Lifespan III: Nursing Care of the Middle Family (3-6-5)</p> <p>NUR 3204 Lifespan IV: Nursing Care of the Mature Family (3-6-5)</p>
6 hours	15 hours	15 hours
	<p>NUR 4301 Foundations III: Impact of Research &amp; Legal/Ethical Issues on Professional Nursing Practice (3-0-3)</p> <p>NUR 4302 Professional Nursing Management of Individuals and Families</p>	<p>NUR 4401 Foundations IV: Health Care Leadership, Management and Partnerships in Community Based Care (2-3-3)</p> <p>NUR 4402 Professional Nursing Practice (3-18-9)</p>

	Experiencing Complex Health Problems (3-18-9)  *NUR Elective	*NUR Elective
	15 hours	15 hours
Total = 66 semester hours		
* A total of 6 credits of nursing electives is required.		

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## RN to BSN Curriculum Schema

Senior Year	
NUR 3102 Pathophysiology and Pharmacology I (3-0-3)	NUR 3202 Pathophysiology and Pharmacology II (3-0-3)
NUR 4301 Foundations III: Impact of Research and Legal/Ethical Issues on Professional Nursing Practice (3-0-3)	NUR 4401 Foundations IV: Health Care Leadership, Management and Partnerships in Community Based Care (2-3-3)
NUR 4993 Health Appraisal and Promotion Activities for the Individual and Family (4-6- 6)	NUR 4994 Synthesis in Professional Nursing (3-9-6)
NUR 4995 Professional Issues (3-0-3)	NUR Elective Professional Development Study (3-0-3)
15 hours	15 hours
Total = 30 semester hours	



## RN to BSN Part-time Curriculum Schema

<b>Summer</b>	<b>Fall</b>	<b>Spring</b>
Year 1	<p>NUR 3102 Pathophysiology and Pharmacology I (3-0-3)</p> <p>NUR 4995 Professional Issues (3-0-3)</p>	<p>NUR 3202 Pathophysiology and Pharmacology II (3-0-3)</p> <p>NUR 4401 Foundations IV: Health Care Leadership, Management and Partnerships in Community Based Care (2-3-3)</p>
	6 hours	6 hours
Year 2	<p>NUR 4993 Health Appraisal and Promotion Activities for the Individual and Family (4-6-6)</p> <p>NUR 4301 Foundations III: Impact of Legal/Ethical Issues on Professional Nursing Practice (3-0-3)</p>	<p>NUR 4994 Synthesis in Professional Nursing (3-9-6)</p> <p>NUR Elective Professional Development Study (3-0-3)</p>
	9 hours	9 hours
Total = 30 semester hours		

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Please email comments, suggestions or questions to:  
Gina Boyd, [gboyd@mail.mcg.edu](mailto:gboyd@mail.mcg.edu)

January 09, 2002

Medical College of Georgia

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**MEDICAL COLLEGE OF GEORGIA**  
Georgia's Health Sciences University  
**SCHOOL OF NURSING**

**UNDERGRADUATE PROGRAM  
CURRICULUM SCHEMA**

**RN-BSN (Part-Time)**

SUMMER	FALL	SPRING
<b>YEAR 1</b>	<p>NUR 3102 Pathophysiology and Pharmacology I (3-0-3)</p> <p>NUR 4995 Professional Issues (3-0-3)</p> <p style="text-align: right;"><b>6 Credit Hours</b></p>	<p>NUR 3202 Pathophysiology and Pharmacology II (3-0-3)</p> <p>NUR 4401 Foundations IV: Health Care Leadership, Management and Partnerships in Community Based Care (2-3-3)</p> <p style="text-align: right;"><b>6 Credit Hours</b></p>
<b>YEAR 2</b>	<p>NUR 4993 Health Appraisal and Promotion Activities for the Individual and Family (4-6-6)</p> <p>NUR 4301 Foundations III: Impact of Research and Legal/Ethical Issues on Professional Nursing Practice (3-0-3)</p> <p style="text-align: right;"><b>9 Credit Hours</b></p>	<p>NUR 4994 Synthesis in Professional Nursing (3-9-6)</p> <p>NUR Elective/Professional Development Study (3-0-3)</p> <p style="text-align: right;"><b>9 Credit Hours</b></p>

**Total = 30 Semester Hours**

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January 09, 2002

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**MEDICAL COLLEGE OF GEORGIA**  
Georgia's Health Sciences University  
**SCHOOL OF NURSING**

**UNDERGRADUATE PROGRAM  
CURRICULUM SCHEMA**

**RN-BSN (Part-Time)**

SUMMER	FALL	SPRING
<b>YEAR 1</b>	<p>NUR 3102 Pathophysiology and Pharmacology I (3-0-3)</p> <p>NUR 4995 Professional Issues (3-0-3)</p> <p style="text-align: right;"><b>6 Credit Hours</b></p>	<p>NUR 3202 Pathophysiology and Pharmacology II (3-0-3)</p> <p>NUR 4401 Foundations IV: Health Care Leadership, Management and Partnerships in Community Based Care (2-3-3)</p> <p style="text-align: right;"><b>6 Credit Hours</b></p>
<b>YEAR 2</b>	<p>NUR 4993 Health Appraisal and Promotion Activities for the Individual and Family (4-6-6)</p> <p>NUR 4301 Foundations III: Impact of Research and Legal/Ethical Issues on Professional Nursing Practice (3-0-3)</p> <p style="text-align: right;"><b>9 Credit Hours</b></p>	<p>NUR 4994 Synthesis in Professional Nursing (3-9-6)</p> <p>NUR Elective/Professional Development Study (3-0-3)</p> <p style="text-align: right;"><b>9 Credit Hours</b></p>

**Total = 30 Semester Hours**

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January 09, 2002

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## Academic Eligibility and Progression Standards

Students in the baccalaureate nursing program must attain a cumulative GPA of 2.0 in all residence work to enter the senior year. A grade of "C" or better is required in *all undergraduate nursing courses (designated NUR)*. *In order to progress, students must achieve a minimum of "C" in each course identified as prerequisite.*

Student earnings grades of "D", "F" or "WF" in a single nursing course may repeat the course one time. Students earning grades of "D", "F" or "WF" the second time the course is taken, will be academically dismissed. Upon notification of any grade of "D", "F", or "WF", the student is required to meet with the Associate Dean, Undergraduate Program, for academic advisement. A letter from the Associate Dean addressing progression in the nursing program must be signed by the student.

Students may repeat no more than one nursing course during one enrollment at the Medical College of Georgia School of Nursing. **At the time of the second failure, in a nursing course, the student is academically dismissed.** A student may apply for readmission one year following dismissal, in accordance with standard application procedures.

## University System and Legislative Examination Requirements

All undergraduate students are required to meet Board of Regents and legislative examination requirements. These exams include the [Regents Testing Program Examination](#), and the examinations of the Georgia Constitution and history and the U.S. Constitution and history. CLEP exams do not meet these requirements.

## Dean's List and Honors

Qualifying undergraduate students may be designated for Dean's List and/or graduation with honors. Qualifications are stated in the MCG General Information section of this catalog.

## B.S.N. Graduation Requirements

In addition to the undergraduate graduation requirements, the following requirements have been established for the B.S.N. degree:

1. A grade of C or better for all undergraduate courses designated as NUR.
2. A MCG cumulative grade point average of 2.0 for all courses in residence.
3. Completion of at least 30 semester hours in residence.

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August 07, 2001





## Guide to Course Descriptions School of Nursing

**Discipline**

[Nursing](#)

**Prefix**

NUR

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[rgarner@mail.mcg.edu](mailto:rgarner@mail.mcg.edu)

January 15, 2002

**NUR3100. Principles of Professional Nursing Practice**

6 credit hours

*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

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**NUR3101. Foundations I: Concepts of Professional Nursing Practice**

2 credit hours

*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

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**NUR3102. Pathophysiology and Pharmacology I**

3 credit hours

*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

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**NUR3102I. Pathophysiology and Pharmacology I**

3 credit hours

*Prerequisite: Admission to RN-BSN or RN-MSN/MN program*

This on-line course introduces the pathophysiological basis of illness and the basic principles of clinical pharmacology. The focus of this course is on compromises in the body's ability to meet its physiological needs integrated with nursing-based pharmacologic interventions in response to these compromises.

Grading System: ABCDF

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**NUR3103. Lifespan I: Nursing Care of the Beginning Family**

5 credit hours

*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

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**NUR3104. Lifespan II: Nursing Care of the Young Family**

5 credit hours

*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

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**NUR3201. Foundations II: Health Care Environments**

2 credit hours

*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

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### **NUR3202. Pathophysiology and Pharmacology II**

3 credit hours

*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

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### **NUR3202I. Pathophysiology and Pharmacology II**

3 credit hours

*Prerequisite: NUR 3102I*

This online course continues to introduce the pathophysiological basis of illness and the basic principles of clinical pharmacology. The focus of this course is on compromises in the body's ability to meet its physiological needs integrated with nursing-based pharmacologic interventions in response to these compromises.

Grading System: ABCDF

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### **NUR3203. Lifespan III: Nursing Care of the Middle Family**

5 credit hours

*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.

**NUR3204. Lifespan Iv: Nursing Care of the Mature Family**

5 credit hours

*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

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**NUR4301. Foundations III: Impact of Research and Legal/Ethical Issues on Professional Nursing Practice**

3 credit hours

*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

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**NUR4301I. FoundationsIII: Impact of Reasearch and Legal/Ethical Issues on Professional Nursing Practice**

3 credit hours

*Prerequisite: Admission to RN-BSN or RN-MSN/MN Program*

Online course. The purpose of this course is to provide the students with opportunities to explore legal/ethical issues in nursing and the importance of research to nursing practice. Emphasis is placed on preparation for dealing with the legal and ethical problems they will be faced with in day to day nursing situations. The research process will be examined as it applies to nursing practice. The course is designed so that the student can develop critical thinking skills while analyzing case studies involving legal/ethical dilemmas and critiquing published nursing research.

Grading System: ABCDF

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**NUR4302. Professional Nursing Management of Individuals and Families Experiencing Complex Health Problems**

9 credit hours

*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

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**NUR4401. Foundations IV: Health Care Leadership, Management and Partnerships in Community-Based Care**

3 credit hours

*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

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**NUR4401I. Foundations IV: Health Care Leadership, Management and Partnerships in Community-Based Care**

3 credit hours

**Prerequisite: Admission to RN-BSN or RN-MSN/MN Program**

This online course will focus on the development of knowledge and skills needed to promote health care of population groups. The course examines the impact of changes of health care on aggregate groups. Theories, concepts and models are presented and students have an opportunity to develop competencies of leadership and management needed for collaboration with community members, health care providers as well as agencies and resources in the community. The overall purpose of this course is to develop and apply creative and effective roles for managing and leading in the delivery of nursing care.

Grading System: ABCDF

**NUR4402. Professional Nursing Practice**

9 credit hours

*Prerequisite: Junior level courses and Fall Semester Senior level courses*

This course focuses on the principles of professional nursing practice and provides the student the opportunities to synthesize and integrate previous learning experiences. The purpose of this course is to provide comprehensive clinical experiences for the student to assist in the transition from student to professional nurse.

Grading System: ABCDF

**NUR4500. Independent Study**

1 - 6 credit hours

*Prerequisite: None*

Grading System: Satisfactory/Unsatisfactory

**NUR4501. Independent Study**

1 - 6 credit hours

*Prerequisite: Senior level status*

Grading System: ABCDF

**NUR4602. Substance Abuse Nursing**

3 credit hours

*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

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### **NUR4603. Nutrition in Clinical Nursing**

3 credit hours

*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

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### **NUR4604. Application of Diagnostic Interpretation**

3 credit hours

*Prerequisite: Senior level status*

This elective builds upon the basic laboratory and diagnostic information received in junior courses while, introducing deeper analysis and interpretation of these tests. Content will focus on the integration of pathophysiology, pharmacology and physical assessment as applied to laboratory and diagnostic test interpretation. Selected therapeutic modalities will also be discussed. The role of nurse in preparing clients for and/or receiving them after testing will be explored, with client teaching needs integrated throughout.

Grading System: ABCDF

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### **NUR4605. Issues in Women's Health Care**

3 credit hours

*Prerequisite: None*

This survey course offers an introduction to students on contemporary and discussed in bi-weekly seminars in women's health. Examine society's impact on women's health and information about women's common health concerns.

Grading System: ABCDF

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**NUR4606. Perioperative Nursing**

3 credit hours

*Prerequisite: Completion of all Junior Level courses*

The purpose of this course is to introduce the student to the roles of the professional nurse in the perioperative setting. Students will have the opportunity to implement the nursing process within the preoperatives, intraoperative, postoperative and postrecovery phases of the patient's surgical experience.

Grading System: ABCDF

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**NUR4607. Nursing Care of the Client with Dysrhythmias**

3 credit hours

*Prerequisite: Senior level status*

EKG Interpretation and Nursing Interventions is a course designed to provide nursing students with a comprehensive understanding of normal and abnormal cardiac electrophysiology. The learner is expected to utilize knowledge obtained from the previous pathophysiology course when discussing pathology related to arrhythmias. A major emphasis will be on nursing interventions specific to the care of clients experiencing arrhythmias. Learning activities are intended to stimulate critical thinking skills and offer an appreciation towards caring for clients with dysrhythmias.

Grading System: ABCDF

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**NUR4608. Concepts of Rural Nursing**

3 credit hours

*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

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**NUR4609. Nursing Management of the Patient with HIV Disease**

3 credit hours

*Prerequisite: Senior level status*

This course focuses on the nursing management of the patient with HIV disease. Its intent is to enable the beginning nursing student to identify early prodromal signs of HIV disease and to have a basic understanding of the management and treatment of opportunistic infections identify psychosocial problems and interventions associated with HIV disease, modes of transmission and safer sex behaviors. Additionally, the student will learn about historical issues of HIV disease and emerging pharmacologic treatment strategies.

Grading System: ABCDF

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### **NUR4610. School Health Nursing**

3 credit hours

*Prerequisite: Completion of NUR 3100*

This course will give students an opportunity to focus on the health needs of the school health population including students, parents and faculty. An aggregate approach to health promotion and disease prevention will be addressed with emphasis on primary and secondary prevention measures. Students will use health assessment and health education principles in meeting the selected needs of individuals, families and groups.

Grading System: ABCDF

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### **NUR4611. Entrepreneurship in Nursing**

3 credit hours

*Prerequisite: Senior level status*

The purpose of this course is to provide the students the opportunity to explore an entrepreneurship career in nursing. Special emphasis will be placed on the learners understanding of the steps for developing, implementing, and maintaining a business including: self discovery and assessment

Grading System: ABCDF

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### **NUR4612. Nursing in Human Loss and Grieving**

3 credit hours

*Prerequisite: Senior level status*

The purpose of this course is to prepare the student to care for persons who are dying and/or grieving and/or experiencing other forms of loss. Emphasis is placed on personal growth of the students and on interventions with the patient and family. Theories and skills in working with dying persons and their families are explored. In addition, legal and ethical considerations are explored. Exercises in personal experience of loss, grief and death are conducted.

Grading System: ABCDF

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**NUR4613. Assessment of Parent-Child Interactions**

3 credit hours

*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

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**NUR4614. Principles of Oncology Nursing**

3 credit hours

*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

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**NUR4615. Complementary Healing Modalities**

3 credit hours

*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

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**NUR4616. Externship: Care of the Ill Child and the Family**

3 credit hours

*Prerequisite: Completion of all junior level courses*

This workstudy-type course provides extensive clinical opportunities dealing with hospitalized children and their families. Students apply knowledge and nursing skills in selected care settings while being employed as a patient care assistant 32 hours per week. Didactic instruction focuses upon growth, developmental and pathophysiologic issues related to common childhood disorders.

Grading System: ABCDF

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**NUR4617. Adult Nursing Externship**

3 credit hours

*Prerequisite: Completion of all junior level courses*

The purpose of this course is to provide the student with a unique learning opportunity to build on principles of nursing basic to the care of adult patients experiencing various health alterations. Students will explore selected concepts related to the care of the adult patient and use the nursing process to plan care of the patient and his/her family

Grading System: ABCDF

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**NUR4618. Critical Care Nursing**

3 credit hours

*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

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**NUR4619. Externship: Care of the Family During the Perinatal Experience**

3 credit hours

*Prerequisite: Completion of all junior level courses*

The purpose of this course provides opportunities for students to expand their knowledge base in childbearing processes, the neonatal period of family dynamics and the nursing process. Opportunities are available to increase assessment, communication, and crisis intervention skills while students are employed as a Patient Care Assistant for 32 hours per week. Current trends and issues relevant to deviations from the normal childbearing process or the normal neonatal period are investigated.

Grading System: ABCDF

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**NUR4620. Ethical Decision Making: An Interdisciplinary Approach**

3 credit hours

*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

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**NUR4621. Principles of Oncology Nursing**

6 credit hours

*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

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### **NUR4622. High-Risk Neonatal Nursing**

3 credit hours

*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

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### **NUR4623. Spirituality in Nursing**

3 credit hours

*Prerequisite: Senior level status*

This course will explore the relationship between spirituality and nursing and what effects the spirituality of the client and/or the nurse have upon health and healing. The student will define their own spirituality and explore the spiritual perspectives of world religions as related to healing. Other topics to be explored will include, but are not limited to, the effects of prayer and meditation on healing, life after death experiences, spirituality and dying, and the spirituality of Florence Nightingale. Interests of the class will help determine specific content within the topical outline that will be taught. The primary purpose of this course is to familiarize the student with the spiritual perspective of nursing and assist them to identify and develop their own spiritual nursing practices.

Grading System: ABCDF

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### **NUR4624. Forensic Nursing: Online**

3 credit hours

*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

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**NUR4625. Perioperative Nursing Externship**

3 credit hours

*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

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**NUR4626. Patient, Family and Staff Education**

3 credit hours

*Prerequisite: Senior level status*

This course provides an introduction to the role of the nurse as an educator. The concepts of education, which include needs assessment, program design and planning, teaching strategies, learning, and evaluation are presented. The nurse-educator role, as implemented in a variety of situations and with various age groups, also is presented. Class participants will have an opportunity to engage in a teaching-learning activity.

Grading System: ABCDF

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**NUR4627. Topics in Obstetric Nursing**

3 credit hours

*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

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**NUR4628. Populations at Risk in Public Health Nursing**

2 credit hours

*Prerequisite: Completion of all junior level courses*

This course will focus on building and applying knowledge and skills needed for the practice of public health nursing for at-risk populations in the community. Nursing interventions related to the promotion of health of communities based on local, state and national data and priorities are emphasized. The course is intended to provide opportunities for students to use techniques of nursing leadership to collaborate with community members, and public and private partners, to identify, implement, and evaluate programs. interventions that will improve the health and well being of the community. Community-based clinical experiences allow the student to apply and demonstrate integration of knowledge and clinical skills.

Grading System: ABCDF

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**NUR4629. Nicotine Addiction and Treatment Strategies**

3 credit hours

*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

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**NUR4630. HIV Management in Health Care**

3 credit hours

*Prerequisite: Approval of program director, chair or faculty*

The purpose of this course is to introduce students to the various issues related to planning/providing care for persons across the spectrum of HIV disease. Students from various schools will participate in course information within this course. Each will have the opportunity to explore links and activities specific to their discipline. This course will examine the many aspects of HIV/AIDS related to physical, psychosocial, legal, ethical, and community issues. The course will focus on the epidemiological, medical, Political/ethical, and legal trends related to HIV disease. The relationship of HIV disease and immune function will be discussed. Risk behaviors and prevention techniques for HIV will be emphasized. This course will facilitate students in developing safe and compassionate care of persons with various stages of HIV disease. This is a web based course designed to enhance and facilitate student learning.

Grading System: ABCDF

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### **NUR4630I. HIV Management in Health Care**

3 credit hours

*Prerequisite: Approval of program director, chair or faculty*

The purpose of this course is to introduce students to the various issues related to planning/providing care for persons across the spectrum of HIV disease. Students from various schools will participate in course information within this course. Each will have the opportunity to explore links and activities specific to their discipline. This course will examine the many aspects of HIV/AIDS related to physical, psychosocial, legal, ethical, and community issues. The course will focus on the epidemiological, medical, Political/ethical, and legal trends related to HIV disease. The relationship of HIV disease and immune function will be discussed. Risk behaviors and prevention techniques for HIV will be emphasized. This course will facilitate students in developing safe and compassionate care of persons with various stages of HIV disease. This is a web based course designed to enhance and facilitate student learning.

Grading System: ABCDF

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### **NUR4631. Informatics and Technology in Healthcare**

3 credit hours

*Prerequisite: Senior Level status in the School of Nursing*

The purpose of this online course is to explore the emerging specialty of informatics and examine the use of technology in healthcare. The theoretical development of healthcare informatics will be examined. The student will analyze the scope and standards of informatics nursing practice. Current and emerging health care technologies will be investigated with an emphasis on the actual and potential effects of these technologies on the work of nurses, the process of care and patient outcomes.

Grading System: ABCDF



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**NUR4631I. Informatics and Technology in Healthcare**

3 credit hours

*Prerequisite: Senior Level status in the School of Nursing*

The purpose of this online course is to explore the emerging specialty of informatics and examine the use of technology in healthcare. The theoretical development of healthcare informatics will be examined. The student will analyze the scope and standards of informatics nursing practice. Current and emerging health care technologies will be investigated with an emphasis on the actual and potential effects of these technologies on the work of nurses, the process of care and patient outcomes.

Grading System: ABCDF

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**NUR4993I. Health Appraisal & Promotion for the Individual & Family**

3 credit hours

*Prerequisite: Admission to RN-BSN or RN-MSN/MN Program*

This online course present the knowledge and skill base for health assessment of individuals and families across the lifespan. Nursing interventions related to the promotion of health for individuals and families based on state and national priorities are emphasized. Community based clinical experiences allow the student to demonstrate the integration of knowledge and clinical skills.

Grading System: ABCDF

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**NUR4994GI. Synthesis in Professional Nursing**

6 credit hours

*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

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**NUR4994I. Synthesis in Professional Nursing**

6 credit hours

*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

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**NUR4995I. Professional Issues**

3 credit hours

*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	Dr. Marlene M. Rosenkoetter
Associate Dean Academic Programs	Dr. Katherine E. Nugent
Associate Dean Research	Dr. Robert V. Topp
Assistant Dean Distant Programs	Dr. Betsy S. Pless

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March 2001

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# Bachelor of Science in Nursing (BSN) Program

**Katherine Nugent, RN, PhD**

Professor and Associate Dean  
for Academic Programs

- [Undergraduate Study in Nursing](#)
- [RN to BSN Program](#)
- [Satellite Program at Gordon College](#)
- [Additional Information/Application](#)
  - [Independent Study](#)
- [Undergraduate Student Handbook](#)

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Please email comments, suggestions or questions to:  
Gina Boyd, [gboyd@mail.mcg.edu](mailto:gboyd@mail.mcg.edu)

January 09, 2002

[BSN Program](#)

Undergraduate Study in Nursing

[RN to BSN Program](#)

[Additional Information and Application](#)

## Undergraduate Study in Nursing

Early application is encouraged. There is no priority consideration date and acceptances are made on a rolling admission basis. Applications will continue to be accepted until the class has been filled. In previous years, classes have been filled by February 1; therefore, applications should be received accordingly.

The School of Nursing at the Medical College of Georgia prepares students to be professional practitioners in a myriad of health care settings. The School of Nursing has a rich history and has been successful in preparing graduates who are leaders within the nursing arena.

The main campus of the School of Nursing is located at the Medical College of Georgia, the Health Science University in Augusta, Georgia. The BSN degree is also offered at a satellite program of the School of Nursing in Athens, Georgia.

- [Core Curriculum Requirements](#)
- [Curriculum Schema](#)

Application to the School of Nursing Admission to the MCG School of Nursing is highly competitive. If you have completed the 60 semester hours of required core curriculum courses and meet the admission criteria, you are eligible to be considered for acceptance into the School of Nursing for a Bachelor of Science in Nursing (BSN) degree. Students can apply for either the Augusta or [Athens](#) campus.



Coursework

Students enrolled in the School of Nursing will complete an additional 66 credits of coursework. Courses in the curriculum focus on nursing skills and knowledge necessary to care for the health care need of individual patients and families across the lifespan. In addition, students take courses in pathophysiology, pharmacology, research, and leadership and management. On the average, students will spend from 10-12 hours per week in the classroom and 12-15 hours per week in clinical.

### Clinical Experience

The Medical College of Georgia, School of Nursing is associated with a variety of health care institutions that prepare excellent and diverse clinical sites in which nursing students can receive outstanding clinical experiences. Through this array of institutions, students interact with patients in the following settings: acute care, trauma and intensive care, long-term care, home care, geriatric care, mental health care, and multiple community sites. This rich myriad of clinical experiences strengthens the students learning experiences.

### Student Activities

Students are encouraged to participate in a number of organizations sponsored by the Medical College of Georgia. Opportunities exist for students to participate in professional organizations, student government, and other interest groups. The School of Nursing has an active [Student Nurses' Association](#) on both the Augusta and Athens campus. MCG students have held local, state and national offices and both chapters have consistently won state awards of excellence.

Students with outstanding records of scholarship and leadership have the opportunity to apply for a variety of scholarships and awards and to seek application into the [Beta Omicron chapter of Sigma Theta Tau](#), the international honor society for nursing.

### Accreditation

The Medical College of Georgia School of Nursing is fully accredited by the [National League for Nursing](#), is approved by

the Georgia Board of Nursing, and has preliminary approval from the [Commission on Collegiate Nursing Education](#).

The Medical College of Georgia is accredited by the [Commission on Colleges of the Southern Association of Colleges and Schools](#) (1866 Southern Lane, Decatur, Georgia 30033-4097, Tel. 404-679-4501) to award one-year and advanced certificates and degrees at the associate, baccalaureate, masters, first professional, and doctoral levels.

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## **Additional Information/Application**

For a copy of the MCG catalog or an application please contact:

Undergraduate Admissions, [underadm@mail.mcg.edu](mailto:underadm@mail.mcg.edu)  
Office of Academic Admission  
170 Kelly Building - Administration  
Augusta, GA 30912  
(706) 721-2725

For further information on undergraduate programs in nursing, please contact:

Dayna Cato, [dacato@mail.mcg.edu](mailto:dacato@mail.mcg.edu)  
School of Nursing  
Medical College of Georgia  
997 St. Sebastian Way  
Augusta, Georgia 30912  
(706) 721-2651



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# Spring Semester 2002

## Class Schedule

### Graduate Program

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**NSG 7430 Pharmacology for Advanced Practice Nurses**  
(Andrews) [AB-108]

Tuesday 8:00 a.m. - 11:00 a.m.

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**NSG 6880 Health Promotion & Problems of Adults and  
Their Families** (Dever-Bumba) [CB-1906]

Monday 9:00 a.m. - 12:00 Noon  
1:00 p.m. - 4:00 p.m.

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**NSG 6980 Nurse Practitioner Practicum** (Dever-Bumba &  
Salzer) [CB-1906]

Wednesday 9:00 a.m. - 12:00 noon

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**NSG 7510 Health Promotion in Parent-Child Nursing**  
(Salzer) [EG-1012]

Tuesday 1:00 p.m. - 3:00 p.m.

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**NSG 7920 Complex Health Problems of Adults**  
(Chernecky & Schumacher) [EB-101]

Tuesday 2:00 p.m. - 4:00 p.m.

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**NSG 9100 Readings in Epidemiology Nursing** (Boyle)  
[EG-1012]

Tuesday 3:00 p.m. - 5:00 p.m.

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**NSG 6760 Pharmacology of Anesthetic Agents** (Haas)  
[EG-2010]

Monday 1:00 p.m. - 3:00 p.m.

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**NSG 6770 Cardiopulmonary Physiology and Pharmacology** (Haas & Kervin) [EB-215]

Wednesday 8:00 a.m. - 12:00 noon

---

**NSG 6780 Principles of Nursing Anesthesia** (Powell) [EB-215] [Labs - EB-225]

Wednesday 1:00 p.m. - 4:00 p.m.

Thursday LABS: 9-12 & 12-3

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**NSG 6810 Technology and Techniques** (Kervin & Monti)  
[EB-215] [Labs - EB-225]

Monday 8:00 a.m. - 9:00 a.m.

Monday LABS - 9:00 a.m. - 12:00 noon

Tuesday LABS - 12:00 noon - 3:00 p.m.

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**NSG 6820 Professional Aspects of Nursing Anesthesia**  
(Monti & Lupien) [EB-215]

Monday 9:00 a.m. - 12:00 noon

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**NSG 6840 Nursing Anesthesia Clinical Practicum  
(Monti)**

Tuesday - Friday (Clinic TBA)

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**NSG 7830 Foundations of Advanced Nursing Practice  
(Chernecky & Schumacher) [EB-101]**

Tuesday 12:00 noon - 2:00 p.m.

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January 09, 2002

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# Spring Semester 2002

## Class Schedule

### Doctor of Philosophy Program

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**NSG 8200 Qualitative Design & Analysis (4-0-0-4)**  
(Maeve) [EG-1015]

Friday 1:00 p.m. - 5:00 p.m.

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**NSG 8211 Quantitative Research Design and Methods  
Analysis II (4-0-0-4)** (Bennett) [EB-101]

Friday 1:00 p.m. - 5:00 p.m.

---

**NSG 8480 Health Promotion Across the Lifespan (3-0-0-3)**  
(Troy) [EG-1015]

Friday 9:00 a.m. - 12:00 noon

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#### OTHER GRADUATE COURSES

**NSG 8300 Practicum in Nursing Research** (Variable  
Credit)

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**NSG 9100 Independent Study** (Variable Credit)

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**NSG 9300 Research - Dissertation** (Variable Credit)

See main schedule from the [School of Graduate Studies](#) for other courses.

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January 09, 2002

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## Programs of Research

[Martha J. Bradshaw, RN, Ph.D.](#)

Associate Professor, Parent-Child Nursing

My primary research interests are in nursing education. Specific interests are the practical knowledge of nursing faculty, the process of teaching and learning, academic dishonesty, and students who are older than traditional age. Completed research studies focused on clinical learning in older students and on perceived self-efficacy in nursing faculty with less than five years of teaching experience. Projected studies include the influence of the faculty member on deterring academic dishonesty and on intuition in nursing faculty.

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[Cynthia Chernecky RN, PhD, AOCN](#)

My area of research focuses on physiological and psychological factors associated with lung cancer in women. These factors include respiratory status, quality of life and symptom experience with specific emphasis on coughing, wheezing and allergies/hypersensitivities. Currently, I am part of a national multi-site nursing research team, supported by internal and external funding, that is investigating the experience of women who have non-small cell lung cancer. The long range goal of our collaboration is to develop effective strategies to promote quality of life and ameliorate suffering. My nursing research is complemented by my clinical expertise in critical care oncology, the outcome of which is an award winning co-edited textbook entitled, "Advanced and Critical Care Oncology Nursing: Managing Primary Complications." My colleagues and I have also published a clinical textbook, "Laboratory Tests and Diagnostic Procedures," 3rd edition.

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[Mary Ellen Quinn, Ph.D.](#)

Associate Professor, Community Nursing

My research has been in the area of gerontology. I have conducted studies of a theoretical nature, with a focus on intraindividual change and interindividual differences in the health-seeking behavior, health orientation, and mood of older women. I have collaborated with the Georgia Centenarian Study research team in a study of predictors of nutritional health-seeking behaviors of sexagenarians, octogenarians, and centenarians. Additionally, this collaborative endeavor has resulted in a study of correlates of subjective health in these three cohorts of older adults.

My future plans include a study of configurations (typical or atypical profiles) in individuals with Alzheimers Disease. I will also explore how these profiles or patterns of characteristics change over time and influence nursing or personal care home placement.

---

[Jana Saunders, Ph.D.](#)

Assistant Professor, Mental Health-Psychiatric Nursing  
School of Nursing at Athens (SONAT)

My specific research interest involves family functioning (coping, social support, psychological distress, and behavioral problems) in families providing care for a family member with schizophrenia. More generally, my research interests involve families, caregivers, and individuals/families coping with chronic mental and physical illnesses.

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[Martha S. Tingen, Ph.D.](#)

Assistant Professor, Adult Nursing

My areas of interest include health promotion and disease prevention related to cancer. Specifically, smoking prevention of school-age children is the primary research focus. Smoking

cessation in adolescents and adults is also a research focus. A secondary focus involves screening and early detection of prostate cancer for men. Research has been conducted on both these areas. A third area of interest involves prevention of long-term complications of diabetes, although there has been no formal research projects implemented on this topic.

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Please email comments, suggestions or questions to:  
Gina Boyd, [gboyd@mail.mcg.edu](mailto:gboyd@mail.mcg.edu)

January 09, 2002



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# School of Nursing at Athens (SONAT)



To respond to the need for nurses with baccalaureate and higher degrees in the state of Georgia, in 1974 the Medical College of Georgia created a satellite campus for the School of Nursing at Athens (SONAT). A collaborative arrangement was developed and continues to exist between

the Medical College of Georgia and the University of Georgia so that SONAT students are provided with access to the libraries, student activities, housing, and student services on the campus of the [University of Georgia](#).

The School of Nursing at Athens (SONAT) offers the baccalaureate program (both generic and RN to BSN) and a limited number of tracks within the masters program. Approximately 50 generic undergraduate students, 20 RN to BSN students, and 15 masters students can be accommodated on the Athens campus. Clinical facilities utilized by the faculty and the students are from a wide variety of health-care settings in primary, secondary and tertiary care. These facilities include Athens Regional Medical Center, St. Mary's Hospital, University Health Service, the Department of Human Resources, day care centers, schools, nursing homes, and many other community health-related agencies. Students may be required to travel to Atlanta or other surrounding areas for select clinical experiences.

The SONAT campus is housed in a completely self-contained facility located at 1905 Barnett Shoals Road. This facility provides office space for faculty, classrooms, a Learning Resources Center, a computer classroom, conference rooms,

a student lounge, a faculty kitchen area, a large lobby and ample parking for faculty and students. The SONAT facility also has state of the art distance learning equipment, computers, and equipment used in the delivery of health care.

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For additional information contact:  
[Dr. Betsy Pless](#), Assistant Dean for Distance Programs  
[Lynn Sykes](#), Administrative Coordinator

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**CAMPUS ADDRESS:**

Kellett Building      1905 Barnett Shoals Road  
Green Acres Center      Athens, Georgia 30605  
(706) 542-7053

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Please email comments, suggestions or questions to:  
Gina Boyd, [gboyd@mail.mcg.edu](mailto:gboyd@mail.mcg.edu)

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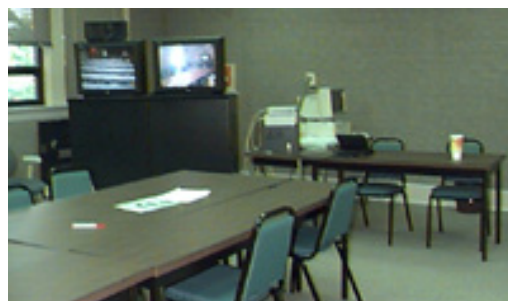
# School of Nursing at Barnesville (SONAB)

In response to the request to provide diploma and associate degree nurses in central Georgia with an opportunity to obtain a baccalaureate degree in nursing, in 1996 the Medical College of



Georgia created a satellite campus for the School of Nursing at Barnesville (SONAB) on the campus of [Gordon College](#). A collaborative arrangement was developed and continues to exist between the Medical College of Georgia and Gordon College so that SONAB students are provided with access to the library, student activities, and student services on the campus of Gordon College.

The School of Nursing at Barnesville (SONAB) offers only the RN to BSN program by distance learning and is capable of accommodating up to 20 students. Two Medical College of Georgia School of Nursing faculty are physically housed on the campus of Gordon College in space that provides for faculty offices, a work area, and space for secretarial support.



Classroom space with distance learning equipment is provided to the faculty and students by Gordon College. Clinical facilities utilized by the faculty and students are from primary, secondary, and tertiary care

health-care settings in central Georgia.

In addition to contact with the two faculty on site, the program provides students, by way of distance learning technology, exposure to numerous faculty and students on the main

campus of the Medical College of Georgia School of Nursing  
which is located in Augusta.

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For additional information contact:  
[Gayle Bentley, MSN](#) or [Marguerite Murphy, MS](#)

For an overview of the RN-BSN Program and application  
information click on the link below:  
[RN-BSN Program](#)

---

**CAMPUS ADDRESS:**  
Gordon College Room 210 Smith Hall  
419 College Drive Barnesville, Georgia 30204  
(770) 358-5304

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Please email comments, suggestions or questions to:  
Gina Boyd, [gboyd@mail.mcg.edu](mailto:gboyd@mail.mcg.edu)

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## School of Nursing at Columbus (SONAC)



In response to the request to provide nurses in west Georgia an opportunity to obtain a masters degree in nursing, in the Fall of 1999 the Medical College of Georgia created a satellite campus for the School of Nursing at Columbus (SONAC) on the campus of [Columbus](#)

[State University](#) (CSU). A collaborative arrangement was developed between the Medical College of Georgia and Columbus State University so that SONAC students are provided with access to the library, student activities, and student services on the campus of CSU.

The School of Nursing at Columbus (SONAC) offers the [Family Nurse Practitioner](#) program by distance learning. Classroom space with distance learning equipment is provided to the faculty and students at SONAC by Columbus State University. Clinical facilities utilized by the faculty and students are from primary, secondary, and tertiary care health-care settings in west Georgia.



Distance learning technology provides students on the campus

of CSU exposure to numerous faculty and students on the Augusta and Athens campuses of the Medical College of Georgia School of Nursing. Deadline for applications is April 15, 2001. Applications are available from:

Office of Academic Admissions  
170 Kelly Building-Administration  
Medical College of Georgia  
Augusta, GA 30912-7310  
Telephone: (706) 721-2725  
[gradadm@mail.mcg.edu](mailto:gradadm@mail.mcg.edu)

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For additional information contact:  
[Maureen Dever-Bumba](#), Coordinator, FNP Program

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CAMPUS ADDRESS:  
4225 University Avenue  
Columbus, Georgia 31907-5645  
(706) 568-2001

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Please email comments, suggestions or questions to:  
Gina Boyd, [gboyd@mail.mcg.edu](mailto:gboyd@mail.mcg.edu)

January 09, 2002

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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.

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

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Please email comments, suggestions or questions to:  
Rita Garner, Associate Registrar [registrar@mail.mcg.edu](mailto:registrar@mail.mcg.edu)

December 03, 2001



## Guide to Course Descriptions

### School of Dentistry

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<a href="#">Dental Practice</a>	DAU
<a href="#">Dentistry Clerkship</a>	CLK
<a href="#">Dentistry, Basic Sciences</a>	OBMP
<a href="#">Dentistry, Cardiac Life Support</a>	CPR
<a href="#">Dentistry, Dental Assisting</a>	DAE
<a href="#">Dentistry, Ethics</a>	ETH
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<a href="#">Dentistry, National Board Review</a>	NBR
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<a href="#">Dentistry, Rural Health</a>	RHO
<a href="#">Dentistry, Statistics</a>	STAT
<a href="#">Dentistry, Tallbott-Marsh Rotation</a>	TMR
<a href="#">Dentistry, Treatment Planning</a>	OMTP
<a href="#">Dentistry, Vocational Opportunities</a>	VOD
<a href="#">Emergency Dental Services</a>	EDS
<a href="#">Endodontics</a>	ENDO
<a href="#">Geriatric Dentistry</a>	GER
<a href="#">Implantology</a>	IMPL
<a href="#">Oral Medicine</a>	OMD
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<a href="#">Orthodontics</a>	ORTH
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Please email comments, suggestions or questions to Rita Garner,  
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January 15, 2002

## **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

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**DAU5001. Introduction To  
Operatory Procedures**

1 credit hours

*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**

2 credit hours

*Prerequisite: None*

This course is the dental students introduction to the Principals and Practice of a Small Business Administration. From the concepts taught in this course the student will gain an understanding of the business side of dentistry. Subject matter presented in this course includes the selection of a practice area, designing the dental facility, equipping the dental office, borrowing money to finance the new practice, producing pro-forma financial documents, principles of cost and revenue, contract agreements, leasing dental equipment, bookkeeping and patient record forms, interviewing and staff selection, and business management accounting systems.

Grading System: ABCDF

---

**DAU5003. Principles and Practice of Small Business  
Administration**

3 credit hours

*Prerequisite: None*

This course provides dental students with a working knowledge of marketing, dental jurisprudence, legal aspects of business, tax reports, retirement planning, personal financial management, money management, dental records, third party payments, management of cash flow and budgeting, appointment control, recall systems, referral policy, the welcome letter, evaluating the practice, dental practice accounting, money management, projects and case illustrations, as they inter-relate to the private practice of dentistry.

Grading System: ABCDF

---

**DAU5901. Dental Practice Dynamics Clinic**

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 management, time management, and orientation to the private practice.

Grading System: ABCDF

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## **CLK5901. Clerkship**

4 credit hours

*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

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**OBMP5001. General and Oral Microanatomy**

6 credit hours

*Prerequisite: None*

This course presents didactic information and provides laboratory experiences related to the microscopic appearance and functional correlates of cellular, subcellular and extracellular structures of the primary tissues, organs and organ systems of the human body. Emphasis is placed on the structure and function of tissues of the oral cavity, and on the correlation of basic science information to various aspects of clinical dentistry.

Grading System: ABCDF

---

**OBMP5002. Applied Head and Neck Anatomy**

5 credit hours

*Prerequisite: None*

Lectures correlate the anatomical information learned in the laboratory to clinical problems, and also tie the regional approach of laboratory anatomy to systemic physiological anatomy. Students dissect the head region and the superficial and deep structures of the neck region. Models and movies of prosected material supplement dissection.

Grading System: ABCDF

---

**OBMP5003. Neuroscience**

3 credit hours

*Prerequisite: None*

This course presents the basic structure and function of the nervous system through lectures and laboratories. Case studies are used to correlate basic science information with clinical neuropathies of dental interest.

Grading System: ABCDF

---

**OBMP5004. Systemic Anatomy**

3 credit hours

*Prerequisite: None*

This course emphasizes the anatomical organization of axilla, thorax, abdomen, pelvis, and upper and lower extremities. Dissection models and movies of prosected materials are used to study the human body on a systemic basis. Clinical correlations are emphasized.

Grading System: ABCDF

---

**OBMP5101. Biochemical Basis of Oral Health and Disease**

6 credit hours

*Prerequisite: None*

Biomedical concepts and information essential to understanding the chemistry of the living cell are presented. Correlations between biochemistry and dental clinical sciences are emphasized.

Grading System: ABCDF

---

**OBMP5102. Molecular Biology of Craniofacial Development**

2 credit hours

*Prerequisite: None*

Topics include regulatory mechanisms and pathways involved in the flow of genetic information required for normal tissue development and homeostasis. Special emphasis is given to development of the teeth, periodontium and other oral structures. Processes of gametogenesis and early embryogenesis with emphasis on craniofacial development also are presented.

Grading System: ABCDF

---

**OBMP5103. Nutrition for Dental Professionals**

1 credit hours

*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.

Grading System: ABCDF

---

**OBMP5202. Physiological Foundation for Dental Practice II**

2 credit hours

*Prerequisite: None*

This course provides students knowledge of the basic functions of cells, tissues, organs and organ systems and how they interrelate so that they may make clinical judgments on a rational, scientific basis.

Grading System: ABCDF

---

**OBMP5301. Oral Microbiology and Infectious Disease I**

3 credit hours

*Prerequisite: None*

This course presents lectures on microbiology and immunology including microbial physiology, metabolism, genetics and mechanisms of pathogenesis and basic principles of immunology and immunological responses.

Grading System: ABCDF

---

**OBMP5302. Oral Microbiology and Infectious Disease II**

3 credit hours

*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

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**OBMP5303. Cariology**

2 credit hours

*Prerequisite: None*

The course presents an integrated study of the multifactorial aspects of dental caries, including theories of caries etiology, epidemiology, molecular pathology, microbiological and biochemical composition of dental plaque, host and nutritional influences on pathogenicity. Approaches to caries prevention including immunization, fluoridation, antimicrobial agents and sugar substitutes are discussed.

Grading System: ABCDF

---

**OBMP5401. Pharmacology and Therapeutics for Dental Practice I**

1 credit hours

*Prerequisite: None*

This course is an introduction to pharmacology with emphasis on aspects of particular relevant to general dentistry.

Grading System: ABCDF

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**OBMP5402. Pharmacology and Therapeutics for Dental Practice II**

5 credit hours

*Prerequisite: None*



This course includes the pharmacology of drugs that affect the central nervous system, autonomic nervous system, cardiovascular system and endocrine function.

Grading System: ABCDF

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**OBMP5403. Dental Pharmacology Seminar**

1 credit hours

*Prerequisite: None*

This course is a seminar review and is update of pharmacologic topics. A National Board examination package has been assembled from the last seven released exams. The questions are grouped according to topics and questions are identified by year (s). At each session, questions are reviewed and the instructor will update and/or emphasize any subjects that are recalled by the question.

Grading System: ABCDF

---

**OBMP5501. Applied Pathology in Dentistry**

5 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

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**OBMP5502. Clinical Pathology Conferences**

2 credit hours

*Prerequisite: None*

This course is comprised of clinicopathologic conferences encompassing differential diagnosis of systemic diseases. These conferences include case studies of diseases with emphasis on pathogenesis relative to clinical manifestations with implications for patient management during treatment of oral disease. Fundamentally, this course is conducted in a problem-solving format.

Grading System: ABCDF

---

**OBMP5503. Oral Pathology I**

2 credit hours

*Prerequisite: None*

The course examines the etiology and pathogenesis of oral and paraoral diseases and is the first of two courses in basic oral and maxillofacial pathology. The subject matter includes an introduction and biopsy techniques, developmental defects and anomalies, abnormalities of teeth, pupal/periapical diseases, periodontal diseases, bacterial infections, fungal and protozoal diseases, viral infections, physical and chemical injuries, allergies and immunological diseases, epithelial pathology, and salivary gland pathology. This course is conducted via lectures coupled with occasional clinicopathologic conferences which emphasize the development of a differential diagnosis and establishment of a final diagnosis.

Grading System: ABCDF

---

### **OBMP5504. Oral Pathology II**

3 credit hours

*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

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### **OBMP5505. Clinical Oncology**

1 credit hours

*Prerequisite: None*

This course includes lectures and clinico-pathologic conferences which primarily emphasize the diagnosis and management of malignant and benign neoplastic lesions of the oral/perioral regions. Clinico-pathologic conferences are integrated for establishment of a differential diagnosis for lesions of oral/perioral regions as well as oral manifestations of systemic neoplasms.

Grading System: ABCDF

---

### **OBMP5601. Bioclinical Seminar I**

1 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

---

**OBMP5602. Bioclinical Seminar II**

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

---

**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

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**CPR5001. Basic  
Cardiac Life Support  
(CPR))**

1 credit hours

*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)**

1 credit hours

*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

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**DAE5001. Dental  
Assisting Elective**

2 credit hours

*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

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**ETH5000. Ethics for Health Professionals**

1 credit hours

*Prerequisite: None*

This course provides an introduction to the structure and information necessary to help the student to recognize and assess significant ethical and legal issues in his or her practice. It consists of lectures and discussion which provide an opportunity to learn about the analytical techniques from ethics and law and the content of ethical standards found in the statements of the profession and the law.

Grading System: ABCDF

---

**ETH5001. Ethics, Jurisprudence and Dentistry**

1 credit hours

*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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**DIS5901. Independent Study Clinic**

2 credit hours

*Prerequisite: None*

This course is for special students to register for clinical patient care time.

Grading System: ABCDF

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**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

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**NBR5001. National Board Review**

1 credit hours

*Prerequisite: None*

Review Session for Part II National Boards (Oral Rehab, Oral Surgery, Pharmacology, Endo, Epidemiology, Statistics, OSHA Standards, Oral Path)

Grading System: ABCDF

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## **NSO5001. New Student Orientation**

1 credit hours

*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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## **ORP5001. Orientation to the Profession and Ethics**

1 credit hours

*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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**IPS5901A. Introduction to Patient Services**

6 credit hours

*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

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**PSE5901. Patient Services Elective**

2 credit hours

*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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**PSE5902. Patient Services Elective**

1 credit hours

*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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## **RADD5001. Radiology**

2 credit hours

*Prerequisite: None*

This is an introductory course in dental radiology that includes lectures and laboratory exercises in radiation physics, radiation biology, radiation safety and radiographic techniques. An introduction to radiographic film processing, darkroom maintenance, error recognition and an introduction to radiological interpretation of normal anatomy, caries, periodontal disease and periapical disease will also be presented.

Grading System: ABCDF

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## **RADD5002. Dental Radiologic Interpretation I**

2 credit hours

*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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**STAT5001. Statistics, Epidemiology and the Scientific Method**

1 credit hours

*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**

1 credit hours

*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

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## **OMTP5002. Treatment Planning II**

1 credit hours

*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

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## **VOD5001. Vocational Opportunities in Dentistry**

1 credit hours

*Prerequisite: None*

A seminar course emphasizing opportunities in the profession of dentistry.

Grading System: ABCDF

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## **EDS5901. Emergency Dental Services**

1 credit hours

*Prerequisite: None*

The Emergency Dental Services (EDS) provides students with the experiences necessary for them to be competent in the prevention and management of dental emergencies. During rotation through the clinic, the student will encounter and treat the majority of dental emergencies which are commonly seen in dental practice including those of pulpal and periodontal origin, traumatic origin and those resulting from treatment failures.

Grading System: ABCDF

---

## **EDS5902. Emergency Dental Services**

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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## **ENDO5001. Fundamentals of Endodontics**

3 credit hours

*Prerequisite: None*

This course will introduce the student to the field of endodontics through lecture sessions and laboratory projects. At the conclusion of the course, the student shall be competent in the performance of endodontic procedures on extracted teeth. The student then will be scheduled in the Endodontic Block Clinic for endodontic treatment on extracted teeth mounted in the endodontic dentiform (endodontic simulations).

Grading System: ABCDF

---

## **ENDO5002. Endodontic Seminar**

1 credit hours

*Prerequisite: None*

Seminars cover such topics as alternative endodontic techniques, endodontic surgery, rationale for case referral, and endodontic diagnosis. Students are also introduced to the endodontic literature with assignments of written reports of articles in the Journal of Endodontics.

Grading System: ABCDF

---

## **ENDO5901. Endodontic Clinic**

1 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**

2 credit hours

*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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**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

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**GER5901. Geriatric Dentistry Outreach Elective**

2 credit hours

*Prerequisite: None*

Grading System: ABCDF

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## **IMPL5001. Introduction To Oral Implantology**

1 credit hours

*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

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**OMD5001. Principles of Personal Prevention**

1 credit hours

*Prerequisite: None*

The course provides students with the basic concepts necessary to understand the relationships between a variety of preventive measures, a healthier, safer lifestyle and a more rewarding career in dentistry.

Grading System: Satisfactory/Unsatisfactory

---

**OMD5002. Oral Diagnosis I**

1 credit hours

*Prerequisite: None*

An introduction to the technique of oral physical examination and collection of diagnostic data, oral diagnosis and treatment planning, so that students are prepared, with close supervision, to provide comprehensive oral examinations of patients in the MCG Dental Clinic.

Grading System: ABCDF

---

**OMD5003. Nutrition**

1 credit hours

*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

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**OMD5004. Oral Medicine: The Medically Compromised Patient**

3 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

---

**OMD5005. Oral Medicine**

1 credit hours

*Prerequisite: None*

This course presents methods for assessing and managing the oral soft tissue pathology, mucosal diseases, and oral manifestations of systemic disease which clinicians are likely to encounter in a general dental practice. It develops the basic concepts of differential diagnosis in order to rank probable diagnoses and presents appropriate methods of therapy. It applies the knowledge gained in oral pathology, pharmacology, and systemic pathology to clinical situations.

Grading System: ABCDF

---

**OMD5006. Senior Oral Medicine Case Presentations**

1 credit hours

*Prerequisite: None*

In this course, each student presents a documented case to other students and faculty in which he has applied the principles of treatment planning, patient-student interaction and techniques of oral reconstructive procedures.

Grading System: ABCDF

---

**OMD5901. Oral Medicine Clinic**

1 credit hours

*Prerequisite: None*

This course trains the students in clinical techniques of oral physical examination, collection of diagnostic data, treatment planning, and patient management.

Grading System: ABCDF

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**OMD5902. Oral Medicine Clinic**

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

---

**OMD5903. Oral Medicine Clinic**

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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**OSD5001. Local Anesthesia**

1 credit hours

*Prerequisite: None*

The clinical techniques of local anesthetic administration for dentistry are presented in lecture and performed in the laboratory.

Grading System: ABCDF

---

**OSD5002. Fundamentals of Oral Surgery**

2 credit hours

*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

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**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

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**OSD5902. Oral Surgery Clinic**

2 credit hours

*Prerequisite: None*

This course is a continuation of Oral Surgery Clinic activity.

Grading System: ABCDF

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**OSD5903. Oral Surgery Hospital Clinic**

2 credit hours

*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

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**ORTH5001. Orthodontics I**

2 credit hours

*Prerequisite: None*

This course is an introduction to orthodontics and is designed to provide the student with the knowledge base necessary to identify existing and developing problems associated with dental and/or skeletal malocclusions.

Grading System: ABCDF

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**ORTH5002. Orthodontics II**

2 credit hours

*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

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**ORTH5901. Orthodontic Clinic**

1 credit hours

*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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**PEDO5001. Preclinical Pediatric Dentistry**

3 credit hours

*Prerequisite: None*

This course is designed to provide the didactic material and laboratory techniques necessary to prepare the students to diagnose, treatment plan and provide dental treatment for the typical child patient.

Grading System: ABCDF

---

**PEDO5002. Pediatric Dentistry Seminar**

1 credit hours

*Prerequisite: None*

This seminar course reviews, updates and expands into areas beyond those covered in the preclinical pediatric dentistry course. Aspect of children's dentistry which are covered include: growth and development; pathology: pulp and trauma management; caries, prevention and restorative dentistry; tooth development, periodontology and oral surgery; child behavior; tooth eruption and diastemas; crossbites and space maintenance; occlusion, cephalometrics and serial extraction; radiology; and orthodontics and relapse.

Grading System: ABCDF

---

**PEDO5003. Dentistry for the Disabled Patient**

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

---

**PEDO5901. Pediatric Dentistry Clinic**

1 credit hours

*Prerequisite: None*

The purpose of this course is to provide opportunities for the students to diagnose, treatment plan and provide dental treatment for the typical child patient.

Grading System: ABCDF

---

**PEDO5902. Pediatric Dentistry Clinic**

2 credit hours

*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

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---

**PER5001. Fundamentals of Periodontology**

3 credit hours

*Prerequisite: None*

This course provides lectures, seminars, laboratories and clinical exercises to introduce the student to periodontology. Lecture topics include epidemiology and classification of periodontal diseases, periodontal pathology and etiology, assessment of etiological factors such as medical and dental history, soft tissue exam probing depth, clinical attachment levels, recession, bleeding, mobility, furcations, introgenics, charting and radiographs, diagnosis and prognosis, scaling and root planing instrumentation, treatment planning, periodontal clinic protocol, plaque control and special ODC, response to instrumentation, maintenance of the patient, considerations in restorative and prosthetic treatment and behavior modification. Seminars provide discussion on treatment planning and reviews of periodontology. Laboratories provide for development of the student's understanding of clinical color changes, probing, root surface instrumentation and its differentiation from enamel surface instrumentation, practical exercises in instrumentation along with calculus removal, demonstrations of the proper instrument sharpening technique and instrument care. Clinical exercises include a color assessment, probing exercise, practical scaling/polishing on a paired student and treatment on two actual scale/polish patients.

Grading System: ABCDF

**PER5002. Surgical Periodontics**

1 credit hours

*Prerequisite: None*

This course is designed to introduce the student to basic surgical techniques available to manage selected periodontal cases. Material covered will include surgical techniques such as the gingivectomy, Modified Widman Flap, open flap curettage, apically positioned flap, etc. The laboratory exercise in this course is designed to provide the student with an opportunity to gain limited hands-on pre-clinical surgical experience.

Grading System: ABCDF

**PER5003. Contemporary Topics in Periodontology**

1 credit hours

*Prerequisite: None*

Lectures are presented on surgical protocol, acute periodontal conditions, early onset periodontitis, HIV and periodontal disease, diabetes and periodontal disease, trauma from occlusion, furcation management and periodontal regeneration. Lecture and laboratory exercises on ultrasonic instrumentation are presented. Controversies in periodontics are discussed.

Grading System: ABCDF

**PER5004. Periodontology in a General Practice**

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

---

**PER5901. Periodontic Clinic**

2 credit hours

*Prerequisite: None*

This is a clinical course in which the student, under faculty supervision, can adequately diagnose his/her patients periodontal conditions and provide treatment for mildly involved cases. The need for early treatment, effective patient performed disease control measures, and timely dentist-provided maintenance care is emphasized.

Grading System: ABCDF

---

**PER5902. Periodontic Clinic**

1 credit hours

*Prerequisite: None*

This is a clinical course in which the student, under faculty supervision, can diagnose his/her patients' periodontal conditions and treat mildly involved cases. The need for early treatment, effective patient-performed disease-control measures, timely dentist-provided maintenance care and the positive outcome deriving from them is emphasized. The student is expected to make continuing progress toward fulfilling department graduation requirements.

Grading System: ABCDF

---

**PER5903. Periodontic Clinic**

2 credit hours

*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

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## **PER5904. Periodontic Clinic**

2 credit hours

*Prerequisite: None*

This course is designed to allow the student the opportunity to complete the senior year requirements and to begin preparing for the regional boards. The course is confirmation of the student clinical skills and knowledge, and assessment of the ability of the student to perform both quality dentistry and a quantity of dentistry with a given time period.

Grading System: ABCDF

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## Guide to Course Descriptions

This Guide provides you with three methods for obtaining descriptions of courses offered as part of the curricula at the Medical College of Georgia.

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*MCG Undergraduate  
Research Programs*

## Research at the Medical College of Georgia

The Medical College of Georgia (located in Augusta, Georgia's [second largest city](#)) has a strong commitment to providing an environment to foster research growth in the health sciences. Our [Biomedical Research Council](#)



is working to develop strategies to promote research throughout our health sciences research university ([Growing Research at MCG](#)). 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 [Institutional Faculty List Online](#) 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

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August 21, 2001

# Robert B. Greenblatt, MD Library

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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 1700 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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January 02, 2002



The Medical College of Georgia is administered by President Daniel W. Rahn, M.D., assisted by senior vice presidents, vice presidents and deans of MCG's Schools of Allied Health Sciences, Dentistry, Graduate Studies, Medicine and Nursing.

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December 11, 2001

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## 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, Francis W. Jr. DMD  
Adams, Lanier H. DO  
Adams, Robert J. MD  
Adams, Susan G. MSN  
Addiss, David G. MD MPH  
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, Ayman M. PhD DMD  
Ali, Mohammed M. PhD  
Allen, David C. MD  
Allen, Kimberly E. MS  
Allen, Paul MD  
Allen, Virginia R. EdD  
Allen-Noble, Rosie EdD  
Allison, Jerry D. PhD  
Allred, Thomas J. 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  
Angeid-Backman, Elin MD  
Angeletti, J. Fred Jr. DMD  
Anna, David J. MSN  
Anstadt, Mark P. MD  
Antonov, Alexander S. MD PhD  
Arata, Lorie G. MSN  
Arazie, Joan C. BS  
Arena, John G. PhD  
Arkin, Murray C. MD  
Armour, Brian S. PhD  
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  
Atkins, John T. MD  
Atwell, Eddie A. MD  
Austin, Jack H. Jr. MD  
Austin, Mitchell B. MD  
Azar, Kenneth A. MD

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- [Baker, Philip S. DDS](#)
- [Baker, R. Randall PhD](#)
- [Baker, Susan J. DMD](#)
- [Balan, Aparna V. PhD](#)
- [Balogh, Scott E. MD](#)
- [Bandisode, Madhukar S. MD](#)
- [Bannon, Michelle D. BS](#)
- [Barbeau, Paule C. PhD](#)
- [Barefield, Tracy R. MD](#)
- [Barenie, James T. DDS](#)
- [Barfield, William E. Jr. MD](#)
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- [Barman, Scott A. PhD](#)
- [Barmore, Burton B. III MD](#)
- [Barnes, Cheryl J. MD](#)
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- [Barnett, Janet E. BS](#)
- [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, William B. MD](#)
- [Battey, Louis L. MD](#)

Battu, Prabhakar MBBS  
Baumann, Martha A. MSN  
Bauza-Armstrong, Jose A. 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, Beverly A. MD  
Bell, Lorna E. MD  
Bell, Wyndolyn C. MD  
Bellam, Ram R. MBBS  
Benjamin, John T. MD  
Bennett, E. Gerald PhD  
Bennett, Kathryn M. BS  
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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  
Berger, Lance S. MD  
Bergeron, Glynn A. MD  
Bergeron, Michael F. PhD  
Bergson, Clare M. PhD  
Berkley, W. Gregory MD  
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  
Bickel, David R. PhD  
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  
Blakesley, R. William MS  
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 PhD  
Bodenheim, Mark B. DDS  
Boedeker, Ben H. MD  
Boedy, R. Frederick MD  
Bollag, Roni J. PhD  
Bollag, Wendy B. PhD  
Bonucci, Paul MD  
Booker, David L. MD  
Boone, Daniel H. MD  
Borke, James L. PhD



Boss, J. Larry MD  
Boudewyns, Patrick A. PhD  
Bouffard, Alphee J.T. DDS  
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  
Bozeman, C. Ronnie DMD  
Bradley, Kathy P. EdD  
Bradshaw, Martha J. PhD  
Branch, Clinton E. Jr. MD  
Brands, Michael W. PhD  
Brann, Darrell W. PhD  
Brannam, Larry A. MD  
Brannen, Alfred L. II MD  
Branyon, Donald L. Jr. MD  
Braselton, J. Allen DMD  
Braswell, Lorraine C. PhD  
Bregman, Tammy L. DMD  
Breland, David J. MD  
Brett, Miles E. MD  
Brice, John W. MD  
Brick, Wendy G. MD  
Britt, Geneva W. MS  
Brogan, Rebecca S. PhD  
Bromer, Richard H. MD  
Brooks, Patricia A. MS  
Brooks, Steven E. MD  
Broome, William T. MD  
Brouillard, Mary E. PhD  
Brown, Charles F. MD  
Brown, Dale F. MD  
Brown, David G. BS  
Brown, David G. MS  
Brown, James A. MD

Brown, Jerry L. DO  
Brown, Nathaniel A. BS  
Brown, Robert F. Jr. MD  
Brown, Robert L. DMD  
Brown, Shilpa P. MD  
Brown, Stephen W. MD  
Brown, Walter J. Jr. MD  
Browning, Darren D. PhD  
Browning, William D. DDS MS  
Brummett, Darin M. 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  
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  
Burns, Christopher M. PhD  
Burton, Kelvin B. MD  
Bush, Chad A. DMD  
Bush, Lisa N. MN  
Butler, Adrienne B. MD  
Butler, Heather D. MD  
Butterbaugh, Randy R. EdD  
Buxhoeveden, Daniel P. PhD  
Buxton, Thomas B. PhD  
Byck, David B. MD  
Byck, Peggy L. MD

Byrd, M. Daniel MD  
Byrd, Stephen L. MD

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Cadenhead, David J. MD  
Caldwell, Alice L. MD  
Caldwell, Robert W. PhD  
Caldwell, Ruth B. PhD  
Callan, Richard S. DMD  
Calton, William C. Jr. MD  
Cameron, Patricia L. PhD  
Cameron, Richard S. PhD  
Cameron, Stephen M. DDS  
Campbell, Carol A. DBA  
Cangialose, Charles B. PhD  
Cannady, Robert W. BS  
Cannon, Joseph G. PhD  
Cao, ZongJian PhD  
Caplan, Gerald E. MD  
Capuy, Halbert C. MD  
Carolson, Niti B. MD  
Carpenter, Steven L. MD  
Carrier, Gerald O. PhD  
Carroll, James E. MD  
Carroll-Barefield, Amanda MS  
Carter, A. Lee PhD  
Carter, David B. DMD  
Carter, Frank L. MD  
Carter, Georgia B. MA  
Carter, Jack W. DMD  
Carter, Karen L. MD  
Carter, Kelli M. MD  
Carter, Larry W. MD  
Carter, Margaret F. MD  
Carter, Michael P. MD  
Carter, William C. MS  
Caruana, Ralph J. MD  
Casanova, Manuel F. MD

Cassidy, James L. Jr. DMD  
Cassingham, Robert P. MD MPH  
Castresana, Manuel R. MD  
Catalano, Philip W. MD  
Catravas, John D. PhD  
Catto, Brian A. MD  
Caudell, Michael J. MD  
Caudell, Patricia B. MD  
Caughman, Gretchen B. PhD  
Caughman, W. Franklin DMD  
Cauley, James E. DMD  
Chacko, Billy G. MBBS  
Chaffin, Charles L. PhD  
Chaknis, Caren C. MD  
Chalker, Dan K. MD  
Chambers, Donna M. MS  
Chan, Daniel C.N. DDS  
Chance, Camilla K. MD  
Chandler, A. Bleakley Jr. MD  
Chandler, Phillip R. PhD  
Chatto, Charlotte A. MS  
Chaudhary, Ayaz J. MBBS  
Chaudhary, Tesneem K. MBBS  
Cheeks, Eddie R. MD  
Chen, Xinbin PhD  
Cheng, Jianhua MD  
Cheng, Walter C. MSW  
Chernecky, Cynthia C. PhD  
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  
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, S. William III MD  
Clark, Sarah L. MD  
Clark, William L. Jr. MD  
Clarke, Mark S.F. PhD  
Clay, Cassius M. SM  
Clepper, Douglas P. DMD  
Cobb, Donald K. MD  
Cohen, Marc S. MD  
Cohen, Morris J. EdD  
Coleman, Charles H. Jr. MD  
Coleman, J. Robert BBA  
Coleman, Teresa A. MD  
Collins, G. Blake DMD  
Collins, Marie A. MS  
Colman, Alan E. BS  
Colon, Enid MD  
Comer, Robert W. DMD  
Condie, Brian G. PhD  
Condon, James V. BS  
Conway, Simon J. PhD  
Cook, E. Lawrence MD  
Cook, Gregory C. MD  
Cook, John R. MD  
Cook, Lloyd O. MD  
Cook, Pamela P. MSN  
Cook, Terrence J. MD  
Cooper, Everett B. Jr. MD

Cooper, James W. Jr. PhD  
Cope, John T. MD  
Copeland, Lanny R. MD  
Corbin, Allen T. DMD  
Corbitt, Otis A. DSW  
Corley, James H. MS  
Cornelison, W. Fred MDiv  
Cornum, Rhonda S. MD  
Corpe, Raymond S. MD  
Costrini, Anthony M. MD  
Coule, Lynne W. MD  
Coule, Phillip L. MD  
Cox, Ronald C. DDS  
Craft, James H. MD  
Craft-Coffman, Beretta BS  
Craig, Daniel B. MD  
Cranfill, Barry A. MHS  
Crawford, Marynell BS  
Crawley, Debra L. MD  
Creelan, Marilee S. MLS  
Cresci, Anthony B. II DPM  
Cresci, Gail A. MS  
Crimmins, Laurence T. MD  
Crocker, John D. MD  
Crosby, John H. MD  
Crow, Robert W. MD  
Crowe, Roy E. Jr. DDS  
Crowther, Melissa F. BS  
Crumrine, Robert S. MD  
Cuartas-Hoyos, Urias 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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Dadig, Bonnie A. EdD  
Dainer, Paul M. MD  
Daley, Alexander F. Jr. MD  
Daley, Lydia L. MSN  
Daniel, Fred L. MD  
Daniel, Mary Anne MD  
Daniels, Elizabeth B. MN  
Dasher, Byron G. MD  
Dasher, M. Nesbit Jr. MD  
Daspit, Sharon G. MD  
Davenport, Michael B. DMD  
David, George MS  
Davidson, Bernard PhD  
Davidson, James A. DMD  
Davies, Kathy J. MLS  
Davis, Carol H. BS  
Davis, Catherine L. PhD  
Davis, James P. DMD  
Davis, James S. PhD  
Davis, James B. MD  
Davis, John B. Jr. MD  
Davis, Kwanghee MSN  
Davis, Loretta S. MD  
Davis, Stacy C. MD  
Davis, Virginia L. MEd  
Davis, W. Bruce MD  
Dawson, Jack E. Jr. MD  
Day, Bryant L. DDS  
Day, Thomas E. DDS  
Dayoub, Michael B. DDS  
De Lecuona, Juan M. MD  
De Stefano, Jamie A. PhD DMD  
DeGroot, James F. PhD  
DeLeon, Eladio Jr. DMD MS

DeLoach, Ervin D. MD  
DeRamus, Leonard D. BS  
DeRuyter, David N. MD  
Deal, Michael C. MD  
Deering, Thomas F. MD  
Del Valle, Rodney M. MD  
Demediuk, Oksana M. MD  
Demicco, John M. MD  
Dennison, Franklin H. MEd  
Dennison, Jacquelyn H. ML  
Dennison, Robert L. MD  
Dent, Jeffrey J. DDS  
Deppe, Scott A. MD  
Derrick, Corliss G. MSN  
Deuskar, Vasanti MBBS  
Dever-Bumba, Maureen L. MSN  
Devkota, Jagadishwar MD  
Devoe, Lawrence D. MD  
Dhaliwal, Ranjit S. MD  
DiBenedetto, Robert J. MD  
DiDonato-Gonzalez, Caroline MSN  
DiPiro, Joseph T. PharmD  
Dias, James K. PhD  
Dickey, David J. DMD  
Dickey, John W. DMD  
Dickinson, Douglas P. PhD MA  
Dickson, Stephen K. AS  
Dillard, Thomas A. MD  
Dimitropoulou Catravas, Christiana PhD  
Dimond, Keith A. MD  
Ding, Ke-Hong PhD  
Diorio, Christopher DO  
Dlugokinski, Mark D. DDS  
Doane, Eric L. DO  
Doehring, Christopher B. MD  
Doehring, Marla C. MD  
Dolen, William K. MD  
Doll, N. Christopher PharmD

Domyslowski, Donna J. MA  
Domyslowski, Raymond F. MS  
Don Diego, Frank R. Jr. MD  
Donald, Ranita R. MBBS  
Dorrance, Anne M. PhD  
Doshi, Dinesh M. MBBS  
Dougherty, Susan W. MS  
Dowling, Jeffrey S. BS  
Downey, Mary C. MS  
Dozier, F. Augustus MD  
Drane, Daniel L. PhD  
Dransfield, Daniel T. PhD  
Dromsky, Joseph R. DMD  
Dube, Volker E. MD  
Dubin, Jonathan S. DMD  
Dubin, Stevin A. MD  
Ducey, Danita A. BS  
Duckworth, Charles W. MD  
Duncan, Titus D. MD  
Dunkelberger, Fred B. DMD MS  
Dunn, Celia P. DMD  
Duquette, Joyce M. MD  
Duval, Benjamin T. DDS  
Dye, James W. MD  
Dyanan, William S. PhD  
deMent, Samuel H. MD

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[Edenfield, Sandra M. PhD](#)  
[Ehsanipoor, Kaveh MD](#)  
[El-Choufi, Leyla MD](#)  
[Elam, Warren D. MD](#)  
[Elder, Herman A. DMD](#)  
[Elder, Matthew C. DMD](#)  
[Elkins, Ralph L. PhD](#)  
[Eller, Peter C. DPM](#)  
[Elliott, Paul M. MD](#)  
[Elliott, Ronald E. MD](#)  
[Ellis, Judy P. BS](#)  
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[Emmi, Adelina M. MD](#)  
[Enelow, Cathy T. MN](#)  
[England, Juliana E. PhD](#)  
[English, Terrie D. BBA](#)  
[Epperly, Neil A. DO](#)  
[Epperly, Ted D. MD](#)  
[Epter, Richard S. MD](#)  
[Erb, Brian C. MD](#)  
[Ergul, Adviyeh MD PhD](#)  
[Erne, Jerel J. MD](#)  
[Ernst, Jeffrey L. PhD](#)  
[Etchason, Jeffrey A. MD](#)  
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[Evans, D. Durrell MD](#)  
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Farmer, Gerry B. MD  
Farr, John F. III MD  
Farr, William L. Jr. MD  
Farrington, Charles A MD  
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Fei, You-Jun PhD  
Feldman, Jack A. MD  
Felz, Michael W. MD  
Ferguson, A. Drew DMD  
Fernando, Marylou D. MD  
Ferrara, Kinga K. MD  
Ferris, Daron G. MD  
Fichtner, Kurt A. MD  
Fick, Donna M. PhD  
Fick, James R. MD  
Field, Richard S. MD  
Figueroa, Ramon E. MD  
Finch, Cathryn S. MD  
Fincher, Roger K. MD  
Fincher, Ruth-Marie E. MD  
Finger, Richard B Jr. DDS  
Fink, Kenneth I. MD  
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  
Foley, Louis F. MD  
Forbes, E. Faye BS  
Forbes, L. Andrew BA  
Forehand, Ronald L. MD  
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Forney, Paul D. MD  
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Frazier, Kevin B. DMD  
Freant, Lawrence J. MD  
Freedman, Murray A. MD  
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Freeman, Charles Jr. MD  
Freeman, Davidson L. MD  
Freeman, James K. MD  
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Friedman, Bruce MD

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Ganapathy, Vadivel PhD  
Gao, Xiaoxing PhD  
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Gavigan, Dawn M. BS  
Gay, Gregory L. MD  
Gay, Tammy K. BS  
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Gearhart, Debra A. PhD  
Gemmill, Robert H. DSW  
Gentile, Herve F. MD  
Gerardot, Robert J. MSW  
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Grandas, Oscar H. MD

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Gray, Robert M DMD  
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Greenberg, Martin H. MD  
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Gujral, Jaspal S. MBBS  
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Hall, Charles R. Sr. MS  
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Hall, Samuel A. Jr. MEd  
Hames, Curtis G. MD  
Hamil, George B. Jr. BS  
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Hamilton, Edward H. Jr. DDS  
Hamilton, Sandra D. MD  
Hamlet, Katherine R. MD  
Hancock, Lloyd D. MD  
Hand, Robert A. MD  
Handy, John R. MD  
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Hanes, Philip J. DDS  
Hanevold, Coral D. MD  
Hanly, Mark G. MBChB  
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Harbeson, Ellen W. BS  
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Harper, Harry T. III MD

Harper, Rene J. MD  
Harper-Hogan, Cathy L. MD  
Harrell, Dean U. MD  
Harrell, Lori M. MN  
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Harris, Hugh C. DMD  
Harris, James T. MS  
Harris, Jeffrey L. MD  
Harris, Meredith L. MSN  
Harrison, Steven J. MS  
Harshfield, Gregory A. PhD  
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Hartney, Thomas J. MD  
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Haverstock, Susan L. MD  
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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  
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Hendrich, Julia E. MD

Hendrickson, Judith A. OD  
Hendry, Lawrence B. PhD  
Henemyre, Claudia L. PhD  
Herman, Wayne W. DDS  
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Herskowitz, Ian C. MD  
Herzwurm, Paul J. MD  
Hess, David C. MD  
Hessler, Richard B. MD  
Hester, Thomas W. MD  
High, James A. DDS  
Hightower, Richard R. MD  
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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  
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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, Carolyn R. MS  
Holmes, Robert G. DMD  
Holt, Larry R. DDS  
Holton, Isaac F. Jr. DMD

Holzhauser, 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  
Hotz, James A. MD  
House, Amy S. PhD  
House, Fredrick C. 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  
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, Harry F. MD  
Hughes, Mary D. MD  
Hummel, Craig B. MD  
Hunt, Winston H. BS  
Hunter, David M. MD  
Hurst, Joseph S. MD  
Husain, Shahid PhD  
Hutchinson, Kenneth K. DMD



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Inscho, Edward W. PhD  
Introna, Robert P.S. MD  
Irwin, Laura S. MD  
Isales, Carlos M. MD  
Isom, Heather K. MD  
Ivanhoe, John R. DDS  
Iwashima, Makio PhD

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Jackson, Gordon W. MD  
Jackson, Henry C. Jr. MD  
Jackson, Jennifer J. BS  
Jackson, Joseph L. MD  
Jackson, Lester G. III DDS  
Jackson, Lorraine W. MSN  
Jackson, Stanley G. JD  
Jackson, Thomas W. MD  
Jaffe, Lynn E. ScD  
Jagadeesan, Muralidharan MBBS  
Jahnke, Arlon H. Jr. MD  
James, Cornelius R. Jr. MD  
Jarriel, Melissa H. BS  
Jarvis, Reynolds G. MD  
Jedlicka, Janet S. PhD  
Jeffrey, Danae M. MD  
Jenkins, Jeffrey S. MD  
Jenkins, Mark G. MD  
Jenkins, Michelle R. MD  
Jenkins, Sharon K. BS  
Jerath, Ravinder MBBS  
Jerath, Rita S. MBChB  
Jester, David M. MD  
Jester, Kimberly B. MD  
Jester, Mark A. MD  
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, Rinna C. MD  
Johnson, Robert W. MD  
Johnson, Thomas A. DDS  
Johnson, William M. 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 MPA  
Jones, Rosalind B. MSN  
Jones, Steven R. MD  
Jones, Susan B. BS  
Jordan, James D. DDS  
Jordon, Thomas D. BS  
Joseph, Allan MD  
Joseph, Ricky MA  
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[Kata, Martin H. MD](#)  
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Kittle, William M. III MD  
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Klippert, Frederick N. MD  
Kluger, Matthew J. PhD MBA  
Knopf, William D. MD  
Koenig, Christopher D. MD  
Kohanski, Renee S. MD  
Kolanowski, Ann M. PhD  
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Kolmar, Linda A. BS  
Koni, Pandelakis A. PhD  
Konzelman, Joseph L. Jr. DDS  
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Korwin, Joseph J. BMS  
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Kraemer, Stacey A. PhD  
Krantz, William A. DDS  
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Kubik, Craig M. DO  
Kudyba, Paul S. DDS  
Kuglar, Everett C. MD  
Kuhn, Sharon C. MD  
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Kutlar, Abdullah MD  
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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  
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Laurich, Gerald A. PhD  
Lause, David B. PhD MS  
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LeClair, Jesse R. BS  
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Leblang, Michael N. MD  
Lee, Daniel F. DO



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Leighton, Leslie S. MD  
Lemke, Jimmy V. MD  
Lemley, James L. MD  
Lemmon, Christian R. PhD  
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Leone, Kenneth V. MD  
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Liang, Yayun PhD  
Liewehr, Frederick R. DDS MS  
Limoli, Tom M. DDS  
Lin, Shuo PhD  
Liou, Gregory I.H. PhD  
Lipman, Bradford C. MD  
Litaker, Mark S. PhD  
Little, Leonard Jr. MD  
Little, W. Norris Jr. MD

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Long, Robert F. Jr. MD  
Longe, R. Leon PharmD  
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Loring, Sherrill R. MD  
Lott, Dan A. MD  
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Lowery, Vasco A. III DMD  
Lowry, Dorothy P. BS  
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Lumpkin, Ernest E. Jr. DDS  
Lunde, John R. MSN  
Lupien, Alfred E. PhD  
Lupien, Donna MHS  
Lusk, Teressa M. MSP  
Lutcher, C. Lawrence MD  
Lutin, William A. MD PhD  
Lyew, Michael A. MBBS  
Lykens, Robert S. MD  
Lynch-Hayes, Patricia MSN

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## M

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Maeve, M. Katherine PhD  
Magharious, William D. MBChB  
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  
Mani, Chitra S. MBBS  
Manjunath, Bettadapura R. MD  
Manley, Nancy R. PhD  
Mansfield, Richard H. DO  
Manting-Brewer, Michele A. MD  
Maramreddy, Padmanabha R. MBBS MD  
Marchand, Arturo E. MD  
Marcum, J. Michael MD  
Marcus, Dennis M. MD  
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, W. Dean MD  
Martin, William H. BA  
Martindale, Robert G. PhD MD  
Martinson, Craig T. DMD  
Martone, Jane F. DDS  
Marzec, Tomasz A. MD  
Masiongale, James I. MHS  
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Master, Bonnie S. BS  
Masters, O. Vincent W. MD  
Mataosky, Mark A. MD  
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Matson, Charles R. BS  
Matsuura, John H. MD  
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May, Chris A. BS  
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May, Stephen C. Jr. MD  
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McCluskey, George M. Jr. BS

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Morris, Stephen L. MD  
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Morrison, Thomas J. DDS  
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Moss, Patricia B. MSN  
Moti, Udaya G. MBBS  
Mruthinti, Shyamala PhD  
Mucha, Edgardo MD  
Mueller, Wendy M. MA  
Mulherin, Neita H. BS  
Muller, Thomas W. MD  
Mullins, David E. MD



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O'Quinn, Mary H. MD  
O'Shields, Deborah C. MD  
Odom, John W. MD  
Oellerich, Ted O. DMD  
Ogilvie, Mariann MS  
Oldham, Harry M. MD  
Olson, Brian D. DMD  
Orangio, Guy R. MD  
Orgera, Marisa A. MD  
Orr, T. Edward PhD  
Osborne, William E. MD  
Owen, Hudson J. Jr. BS  
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Owen, R. Glen MD  
Owen, R. Glen Jr. MD  
Owens-Schnars, Ingle MD  
Ownby, Dennis R. MD

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Papizan, Stephen L. MD  
Parfenchuck, Thomas A. MD  
Paris, Catherine E. MMSc  
Paris, Ray B. MD  
Paris, Stanley V. PhD  
Park, G. Timothy MD  
Park, Mary Anne MSN  
Park, Yong D. MD  
Parker, M. Harry DDS  
Parker, Marcia L. DMD  
Parker, Miriam MD  
Parler, David W. MD  
Parnell, Denyse N. MBBS  
Parr, Gregory R. DDS  
Parrott, Frank H. MD  
Parrott, Roxanne PhD  
Pashley, David H. DMD PhD  
Pashley, Edna L. DMD  
Pasi, Mohit MBBS  
Passmore, Gregory G. PhD  
Patel, Bipinchandra R. MBChB  
Patel, Rajesh V. DO  
Pathiraja, Ananda P. MBBS  
Patterson, E. C. DDS  
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Patton, Robert M. MD  
Patton, William R. DDS  
Pawl, Richard J. MD

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Peacock, Mark E. DMD MS  
Peacock, Ronald T. DDS  
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Penney, Don W. MD  
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Phillips, Robert L. MD  
Phillips, Thomas G. DDS  
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Pless, Betsy S. PhD  
Plowman, Kent M. PhD MD

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Poduslo, Shirley E. PhD  
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Pohlmann, Bernard H. DDS  
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Pollock, Jennifer S. PhD  
Poorbaugh, Susan R. MLIS  
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Potter, Brad J. DDS MS  
Powell, Hudson J. DMD  
Powell, J. Nicholas DDS  
Powell, John H. III MBA  
Powell, Robert S. DMD  
Powell, Shannon M. MN  
Powers, C. Bernadette W. MSN  
Pradhan, Avinash C. MBBS  
Pradhan, Medha A MBBS  
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Prather, Stuart H. III MD  
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Quarterman, Mark J. MD  
Que, Mila C. BS  
Quick, Harriet H. BS  
Quinn, Mary Ellen B. PhD  
Quinn, William H. PhD

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[Rainsford, George L. MD](#)  
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[Ratz, John L. MD](#)  
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Rhoades, Robert B. MD  
Rhoden, Carolyn S. BS  
Richards, Calita S. PharmD  
Richwine, Samuel W. Jr. MD  
Riffle, John E. MD  
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  
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Robinson, Keith A. PhD  
Robinson, Randy G. MD  
Robinson, Vincent J. B. MBBS  
Rodriguez, Jose O. MD  
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Rogers, Michael B. DDS  
Rogers, Rebecca L. PhD  
Rogers, Steven G. MD  
Rogers, Ward B. MD  
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Rosenblum, Frederick J. MD  
Rosengart, Carl L. MD  
Rosenkoetter, Marlene M. PhD  
Rosenquist, Judith W. DMD  
Rosenthal, David MD  
Ross, Jack R. MD  
Rousso, Jack D. DDS  
Rowlett, John D. MD

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Rufo, Raymond T. DDS  
Rule, Rebecca A. MN  
Rumph, Frank M. Sr. MD  
Russell, Carl M. DMD PhD  
Russell, Dee B. MD  
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Singh, Harinderjit MBBS  
Singh, Manjit MBBS MD

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Smith, Suzanne H. MD



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Stark, Nancy L. MSN

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Work, Janis A. PhD

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Wray, Robert C. Jr. MD  
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Yeh, Karen A. MD  
Yin, Zenong PhD  
Yodlowski, Edmund H. PhD  
Young, Jeanette S. EdD  
Young, Kenneth H. DDS  
Young, Richard R. MD  
Young, Timothy R. DO  
Yount, Avis B. MD  
Yrizarry, Elizabeth G. BS  
Yu, Fu-Shin X. PhD  
Yu, Jack C. DMD MD  
Yu, Robert K. PhD MedScD  
Yuan, Baozheng M. MD  
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Zura, Marianne G. MD  
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# 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

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