

College of Health

Graduate Degrees

2008-2009

Department/School	Major	Degree	
Master's Level			
Community Health	Public Health	Master of Public Health	
	Epidemiology and Biostatistics Emphasis		
	Health Education Emphasis		
	Health Policy and Administration Emphasis		
	Health Services Administration Emphasis (executive format)		
	Occupational Health and Safety Emphasis		
	Public Health Nutrition Emphasis		
	MPH/MBA Dual Degree		
	Human Performance and Recreation	Human Performance	Master of Science
		Exercise Science Emphasis	
Physical Education Emphasis			
Interscholastic Athletic Administration		Master of Science	
Recreation and Leisure Administration		Master of Science	
Sport Coaching Education		Master of Science	
Sports and High Performance Materials		Master of Science	
Sport Management		Master of Science	
Dual Degrees		Master of Science	
Sport Management/Business Administration (MBA)			
Medical Technology		Master of Science	
Nursing		Nursing	Master of Science in Nursing
		Adult Health Nursing Emphasis	
	Community Health Nursing Emphasis		
	Family Nurse Practitioner Emphasis		
	Nurse Executive Emphasis		
	Psychiatric Nursing Emphasis		
	Psychiatric Nurse Practitioner Emphasis		
Nutrition and Food Systems			
Nutrition and Food Systems	Master of Science		
Social Work			
Social Work	Master of Social Work		

Department/School	Major	Degree
Speech and Hearing Sciences	Speech and Hearing Sciences Speech-Language Pathology Emphasis Education of the Deaf Emphasis	Master of Arts Master of Science
Doctoral Level		
Human Performance and Recreation	Human Performance Administration and Teaching Emphasis Exercise Physiology Emphasis Sports and High Performance Materials	Doctor of Education Doctor of Philosophy Doctor of Philosophy
Nursing	Nursing Ethics Emphasis Leadership Emphasis Policy Analysis Emphasis	Doctor of Philosophy
Nutrition and Food Systems	Nutrition and Food Systems	Doctor of Philosophy
Speech and Hearing Sciences	Audiology	Doctor of Audiology

*Interdisciplinary Minor in Gerontology

**Graduate Certificate in Gerontology

*** Graduate Certificate in Management of Child Nutrition Programs

**Minor offered through all units.*

***Certificate in Gerontology offered through all units.*

College of Health

Michael Forster, Ph.D., Interim Dean
 Brett E. Kemker, Ph.D., Associate Dean
 Katherine Nugent, Ph.D., Associate Dean
 118 College Drive #10075
 Hattiesburg, MS 39406-0001
 (601) 266-5253
www.usm.edu/coh

Mission

The mission of the College of Health is to create, apply, and transmit expert knowledge, within and across the domains of its constituent disciplines, for the well-being and betterment of individuals, community, state, nation, and world.

Vision

The vision of the College of Health is advancing health and well-being through excellence and innovation in teaching, research and service.

Requirements for Admission

Admission to the College of Health requires applicants to meet minimum grade point average (GPA) requirements as specified by the Graduate Studies Office for master's or doctoral study and submit acceptable scores on the Graduate Record Exam (GRE). A minimum TOEFL score of 550 is required of all non-English speaking applicants. Applicants must also have at least three (3) letters of recommendation from persons qualified to assess the applicant's readiness for graduate study sent to the department or school.

Applicants must also meet all additional requirements for admission to a particular program of study. See the program description for additional admission criteria. The College of Health adheres to the university policies with regard to admission of graduate students on a conditional basis. The university regulations concerning conditional admissions for full or part-time students are stated in this *Bulletin* under Admission Requirements and Procedures. Members of all underrepresented groups are encouraged to apply.

Requirements for Graduation

In the College of Health, the minimum requirements for the master's and doctoral degrees are determined by the individual graduate programs within the seven units. Most programs offer both the thesis and nonthesis option, with the doctoral programs mandating a dissertation. All general requirements outlined earlier in this *Bulletin* must be satisfied for students to progress successfully toward degrees. While it is the student's responsibility to know what the degree requirements are, the major professor may assist the student with requirements of the Graduate Studies Office, department, or school. Comprehensive exams are required for graduate degrees. The specific degree program will determine whether the exam will be written or oral or both. Consult the specific degree programs for their requirements. A 3.0 GPA is required for graduation. Residency is required for doctoral students.

Certain programs require clinical experiences. Clinical experiences generally require a criminal background check. A felony conviction may disqualify a student from the clinical experience thereby making the student unable to complete the degree. For additional information, contact the academic unit that houses the program.

Interdisciplinary Minor in Gerontology

The college offers an interdisciplinary minor in gerontology through each unit within the college. More detailed information on specific program requirements and assistance with program planning is available from the designated faculty adviser in each of the college units. A student who has been admitted for graduate study may earn an interdisciplinary minor in gerontology by completing a minimum of twelve (12) semester hours of graduate-level courses selected from the course list below.

Graduate Certificate in Gerontology

The college offers a graduate certificate in gerontology for those who need additional or specialized training, but do not wish to pursue a master's degree, or for current Southern Miss graduate students who wish to receive more than a minor degree. A graduate certificate in gerontology will provide students and professionals an opportunity to broaden their theoretical knowledge of aging, the aged, and the policy-making process; keep abreast of changes in the field; meet new educational requirements for their jobs; or prepare for a new position. More detailed information is available in the dean's office.

Admission Requirements for the Certificate Program

All applications for the graduate certificate program must be submitted to the Graduate Studies Office. In addition, all nondegree seeking students must submit the "Approval for Non-Degree Enrollment in a Graduate Course" form to the gerontology program coordinator.

The gerontology program coordinator and the Gerontology Faculty Advisory Committee make admission recommendations to the College of Health dean and Southern Miss Graduate School based on evidence of holding, at a minimum, a baccalaureate degree from an institution approved by a recognized accrediting agency, and being in good standing at the last institution attended.

Admission Deadline: Admission shall be on an ongoing basis.

Plan of Study. Students must submit their signed, official *Plan of Study Form* to the Graduate Studies Office by the end of the **first semester** they are enrolled. The *Plan of Study Forms* are available at www.edu/graduatestudies - click on "Current Students" and then the "Plans of Study" link.

Program Requirements

- The student shall complete at least 18 semester hours with B or better in each course from the approved course list (see below).
- The student may repeat a class only one time if he/she received less than a B.
- Curriculum requirements consist of one core three-hour course (CHS/HPR/NSG/SWK 652 Seminar in Critical Issues of the Aged) and three hours of a gerontology practicum or supervised research in an approved field of study (to be determined with the gerontology program coordinator), with the remaining 12 hours selected from the course list below.
- The student admitted within the College of Health or School of Nursing shall work with a designated gerontology adviser from the department of their discipline. If the student is from another college, the gerontology program coordinator will serve as the adviser for the certificate program.
- The student shall complete requirements within four years.
- The student may transfer as many as six (6) credit hours of graduate credit in gerontology from other accredited institutions with the approval of the gerontology program coordinator and the graduate dean, provided that the coursework falls within the four-year period allowed for the program.
- No more than nine credits from the certificate program may be used toward a subsequent master's degree.

Course List

ADE	580	Applied Educational Gerontology
ADE	750	Education and the Older Adult
CHS	611	Internship in Community Health*
CHS	620	Chronic Disease Epidemiology
CHS	660	Long Term Care Policy and Administration
CHS	792	Special Problems in Health**
FAM	553	The Family in Later Life
FAM	598	British Studies Program: Aging and the Family
FAM	653	Aging and the Family
FAM	654	Special Topics in Gerontology
FAM	690	Practicum in Family and Consumer Studies*
FAM	691	Research in Family and Consumer Studies***
FAM	692	Special Problems in Family Relations**
HPR	552	Gerontology and Therapeutic Recreation
HPR	691	Research**
HPR	696	Practicum*
NFS	720	Nutrition and Aging
NSG	536	Hospice: Concepts and Application
NSG	550	Health Care of the Aged
NSG	593	Health Care of the Elderly

NSG	599	British Studies: Hospice
NSG	606	Death and Bereavement
NSG	692	Special Problems in Gerontology
PSY	556	Psychology of Aging and Death
SHS	642	Communication Problems of the Aged
SOC	524	Sociology of Aging
SWK	673	Social Work Field Education Practicum*
SWK	675	Social Work Practice with Persons in Middle and Late Life
SWK	692	Special Problems**

**Only practica placements in the field of gerontology can be used to satisfy requirements of this minor or the certificate.*

***Research or special problems must be related to gerontology.*

Department of Community Health Sciences

James G. McGuire, Ph.D., Chair
118 College Drive #5122
Hattiesburg, MS 39406-0001
(601) 266-5437
www.usm.edu/chs

Ahau, Anderson-Lewis, Carver, Graham-Kresge, Hinton, Kamali, McGuire, McIlwain, Mitra, Wang, Whyte

Unit Description

The Department of Community Health Sciences was created as an organizational focus for expanded activities in community health. The department offers a Master of Public Health (MPH) degree and a MPH/MBA dual degree in conjunction with the College of Business. Emphasis areas include epidemiology and biostatistics, health education, health policy and administration, health services administration (executive format only). Faculty and staff are involved in interdisciplinary research and demonstration activities in areas such as health care access, health promotion, community health workers, impact studies, health care provider utilization, rural health, cancer control, and occupational health and safety. The Master of Public Health program seeks to prepare students for leadership responsibilities in public and private health settings that focus on improving quality of life through instruction, research, and community service. A 3.0 GPA is required for graduation. The MPH program is accredited by the Council on Education for Public Health.

Interdisciplinary Minor in Gerontology: The department participates in the interdisciplinary minor in gerontology and the graduate certificate in gerontology. Specific requirements and courses available for the minor and certificate can be found under the Interdisciplinary Minor in Gerontology and Graduate Certificate in Gerontology headings in the College of Health section of this *Bulletin*.

Offerings for Non-Majors

A number of courses offered within the Department of Community Health Sciences do not have prerequisites and are excellent choices for electives:

- CHS 622 Epidemiology
- CHS 623 Biostatistics
- CHS 625 Health Administration
- CHS 655 Environmental Health
- CHS 656 Social and Behavioral Aspects of Health
- CHS 685 Contemporary Issues in Health

Degree Descriptions/Career Opportunities

Epidemiology and Biostatistics: This emphasis area provides knowledge about the distribution and determinants of disease and other health-related conditions in human populations and develops methodological and analytical skills for study design and biostatistical analysis of data. Graduates are qualified for health service or research positions in local health departments, hospitals, nursing homes, academic institutions, industries, and government agencies such as the Centers for Disease Control and Prevention (CDC) and the National Institutes of Health (NIH).

Health Education: Health education is concerned with the health-related behaviors of people. It focuses on the forces that affect those behaviors and the role they play in the maintenance, promotion, and improvement of health. Health education majors are eligible to take a certifying examination for entry-level health educators, qualifying them as Certified Health Education Specialists (CHES).

Health Policy and Administration: Health administrators are charged with coordinating a wide variety of activities crucial to the effective and efficient delivery of health services and programs. The health administrator plans, organizes, coordinates, and supervises the delivery of services within health care organizations, including hospitals, mental health clinics, long-term care facilities, rehabilitation centers, insurance companies, and multidisciplinary physician groups. Students earning the MPH/MBA degree find positions in the above areas as well as with consulting firms.

Occupational Health and Safety: Admissions in this emphasis area are suspended for this academic year.

Public Health Nutrition: Admissions in this emphasis area are suspended for this academic year.

Program Requirements

1. MPH students must complete the 45 hours of coursework, unless the 9 hours of internship is waived.
2. MPH/MBA students must complete a minimum of 60 hours.
3. Pass a comprehensive exam.
4. Students must have a 3.0 GPA in all course work to graduate.

Executive Master of Public Health in Health Services Administration: An MPH program designed for individuals who have completed an undergraduate degree and have at least three years of full-time work experience in a health care/service setting. The degree can be completed in 14 months using a rigorous, concentrated format that includes three classes each semester that meet on Friday and Saturday from 8 a.m. until 5 p.m. Five weekends are required each semester. For information on this degree program, contact Dr. Gordon Whyte in the Department of Community Health Sciences at 266-5435.

Internship

Students must complete a nine-credit hour (400 clock hours) internship at an approved site. Those with at least three years of experience or a terminal degree in a relevant area may apply for a waiver of the internship requirement.

Admission Requirements

Application for admission to the MPH program is made through the Graduate Studies Office of the university and through the Department of Community Health Sciences.

Applications are reviewed three times a year and are due July 15 for fall semester, October 15 for spring semester, and April 15 for summer term.

A complete application consists of the Graduate Studies Office application, the Department of Community Health Sciences application and essay, GRE or GMAT scores, transcripts and three letters of reference from persons qualified to assess the applicant's readiness for graduate study. International applicants also must submit TOEFL scores.

Minimum GPA is 2.75 on the last 60 hours of coursework.

Minimum TOEFL score is 550 for international applicants.

Applications are evaluated by the department's Graduate Admissions Committee. Enrollment priority is given to Mississippi residents. Other factors in the decision for admission include the GPA, GRE or GMAT scores, writing skills demonstrated in the essay, and the reference letters.

Students applying to the MPH/MBA program must also apply to the MBA program and take the GMAT exam.

Continuous Enrollment Requirement: Students must meet the requirement specified in the front section of this *Bulletin*.

Plan of Study. Students must submit their signed, official *Plan of Study Form* to the Graduate Studies Office by the end of the **first semester** they are enrolled. The *Plan of Study Forms* are available at www.edu/graduatestudies - click on "**Current Students**" and then the "**Plans of Study**" link.

Masters in Public Health Core Requirements (18-24 hrs.)

	Hours
CHS 622 Epidemiology	3
CHS 623 Biostatistics	3
CHS 625 Health Administration	3
CHS 655 Environmental Health	3
CHS 656 Social and Behavioral Aspects of Health	3
CHS 611 Internship.....	3-9

Requirements for Emphasis in Epidemiology and Biostatistics (21 hrs.)

CHS 620 Chronic Disease Epidemiology.....	3
CHS 680 Research Methods.....	3
CHS 685 Contemporary Issues in Health or approved elective	3
CHS 722 Infectious Disease Epidemiology.....	3
CHS 723 Biostatistics II.....	3
CHS 785 Data Management And Analysis in Public Health.....	3
CHS Electives.....	3

Requirements for Emphasis in Health Education (21 hrs.)

CHS 602 Health Disparities in the United States	3
CHS 606 Health Education among Rural Populations.....	3
CHS 609 Community Health Education Planning.....	3
CHS 647 Public Health & Marketing.....	3
CHS 720 Community Organization for Health Education	3
CHS 784 Qualitative Research Methods in Public Health	3

Requirements for Emphasis in Health Policy and Administration (21 hrs.)

CHS 627 Health Policy.....	3
CHS 657 Health Care Accounting for Managers.....	3
CHS 670 Health Law and Justice.....	3
CHS 710 Seminar	3
CHS 757 Health Care Financial Management.....	3
CHS 792 Special Problems in Health or CHS Electives	6

The Occupational Health and Safety and the Public Health Nutrition emphasis areas are not currently accepting applicants.

Masters in Public Health/Masters in Business Administration Dual Degree Foundation Courses (60 hrs. total)

Students without undergraduate training in business may need to take the following foundation courses:

MBA 500 Organizational Behavior	3
MBA 511 Financial Accounting	3
MBA 520 Managerial Economics.....	3
MBA 550 Marketing Foundations	3
MBA 570 Managerial Finance	3

Masters in Business Administration/Masters in Public Health Dual Degree

Core Courses (60 hrs. total)

MBA 600 Business and Society.....	3
MBA 605 Marketing Management.....	3
MBA 640 Problems in Corporate Finance.....	3
MBA 645 Communication Skills for Managers.....	3
MBA 650 Business Modeling.....	3
MBA 660 Managerial Strategy and Planning.....	3
CHS 601 Community Health Practice.....	3
CHS 622 Epidemiology.....	3
CHS 623 Biostatistics.....	3
CHS 625 Health Administration.....	3
CHS 655 Environmental Health.....	3
CHS 656 Social and Behavioral Aspects of Health.....	3
CHS 627 Health Policy.....	3
CHS 657 Financial Aspects of Health Care I.....	3
CHS 670 Health Law.....	3
CHS 710 Seminar.....	3
CHS 757 Financial Aspects of Health Care II.....	3
CHS 792 Special Problems in Health.....	3
Approved Elective.....	3
CHS 611 Internship (unless waived).....	3-9

Executive Masters in Public Health in Health Services Administration

(42 hrs)

CHS 622 Epidemiology.....	3
CHS 623 Biostatistics.....	3
CHS 626 Introduction to Health Systems.....	3
CHS 627 Health Policy.....	3
CHS 655 Environmental Health.....	3
CHS 656 Social and Behavioral Aspects of Health.....	3
CHS 657 Health Care Accounting for Managers.....	3
CHS 670 Health Law and Justice.....	3
CHS 716 Health Economics.....	3
CHS 727 Health Care Strategic Planning.....	3
CHS 737 Health Care Organizational Behavior/Human Resources.....	3
CHS 747 Health Care Marketing.....	3
CHS 757 Health Care Financial Management.....	3
CHS 767 Case in Health Services Administration.....	3

Requirements for Master's Minor in Public Health (18 hrs.)

Approved electives.....	3
CHS 622 Epidemiology.....	3
CHS 623 Biostatistics.....	3
CHS 625 Health Administration.....	3
CHS 655 Environmental Health.....	3
CHS 656 Social and Behavioral Aspects of Health.....	3

School of Human Performance and Recreation

Susan Hubble Burchell, Interim Director
 118 College Drive #5142
 Hattiesburg, MS 39406-0001
 (601) 266-5386
 www.usm.edu.hpr

Blom, Burchell, Drane, Gould, Green, Hall, Kay, Krebs, Marciani, Morris, Phillips, Piland, Speed, Velasquez, Webster

Unit Description

The School of Human Performance and Recreation (HP&R) offers the Master of Science, the Doctor of Philosophy and the Doctor of Education degrees. Program development is oriented toward supply and demand in the professional job market and academic disciplinary definition. Flexibility of program requirements allows for academic fulfillment of individual career interests.

Degree

The following degree programs are offered within the School of HP&R: Master of Science degree in Human Performance, Master of Science in Recreation and Leisure Administration, Master of Science in Sport Management, Master of Science in Sport Coaching Education, Master of Science in Interscholastic Athletic Administration, Master of Science in Sports and High Performance Materials, dual degrees of Master of Science in Sport Management and Master of Science in Business Administration (MBA), Doctor of Philosophy or Doctor of Education in Human Performance, and Doctor of Philosophy in Sports and High Performance Materials.

Emphases within the human performance master's degree program include: exercise science and physical education. The human performance doctoral degree program includes two distinct emphases: administration and teaching, and exercise physiology. The administration and teaching emphasis (Ph.D. and Ed.D.) is accredited as an Advanced NCATE/NASPE educational/administration studies program. The physical education emphasis (master's) program is approved by the National Association of Sport and Physical Education/National Council for Accreditation of Teacher Education (NASPE/NCATE). The sport management (master's) program is approved by the National Association of Sport and Physical Education/North American Society of Sport Management (NASPE/NASSM).

Interdisciplinary Minor and Graduate Certificate in Gerontology

The school participates in the interdisciplinary minor in gerontology and the graduate certificate in gerontology. Specific requirements and courses available for the minor and the certificate can be found under the Interdisciplinary Minor and Graduate Certificate in Gerontology headings in the College of Health and Human Sciences section of this *Bulletin*.

Career Opportunities

The doctoral degree program in human performance: administration and teaching emphasis is designed for those who wish to pursue a further concentration in HP&R advanced teaching and research in administration or pedagogical areas.

The doctoral degree program in human performance: exercise physiology is designed to prepare students for advanced teaching and research careers in higher education and/or industry.

The doctoral degree program in sports and high performance materials is designed to create and prepare multidisciplinary scientists who have specific advanced research skills in polymer science, exercise physiology and biomechanics and who are capable of developing new materials that significantly improve athletic and human performance.

Program Requirements

The Master of Science degrees require a minimum of 36 semester hours beyond the bachelor's degree (with 18 hours of 600 level or higher). Some emphasis areas may require greater minimum hours beyond the bachelor's degree. The Doctor of Philosophy and the Doctor of Education degrees require a minimum of seventy-two (72) semester hours beyond the master's degree, including the dissertation, research tools, and program coursework. Comprehensive exams and a 3.0 GPA are required for graduation.

Admission Standards

Admission to human performance and recreation degree programs is selective. Members of all underrepresented groups are strongly encouraged to apply. Regular admission is contingent on having graduated from a college or university with accreditation from appropriate, recognized national-level accrediting agencies. Admission to the program is contingent upon an applicant's academic background, work experience, demonstrated leadership, and communication skills meeting the challenging demands of graduate programs in the fields of sport administration, human performance, or recreation. The School of Human Performance and Recreation adheres to university policies with regard to admission of graduate students on a conditional basis. In evaluating applications for program admission, the HP&R program admission committees utilize the following criteria:

- a. **Academic record.** a) a cumulative grade point average (GPA) of 2.75 or higher based on 4.0 scale and calculated on the last 60 hours of the applicant's bachelor's degree program; b) bachelor's level major/minor in an appropriately related field of study or evidence of foundational and professional coursework in major which are deemed necessary or prerequisite for graduate-level course enrollment. Lack of evidence of work completed in foundational areas specific to particular program emphasis requirements will result in either a) prerequisite satisfaction prior to regular admission into specific programs or b) additional degree requirements identified as undergraduate deficiencies to be satisfied during the graduate degree program. Doctoral applicants must have achieved a GPA of 3.50 on all previous graduate work in order to be admitted under regular status.
- b. **Graduate Record Examination.** Applicants are required to submit the test results from the GRE as part of their application. The GMAT will also be acceptable for the Master of Science in Sport Management degree only.
- c. **Test of English as a Foreign Language (TOEFL).** Applicants whose native language is not English must achieve a TOEFL score of 550 or more on the paper test or 250 or more on the computer test.
- d. **Professional experience.** While professional level work experience is not required for admission to the master's level program, two to three years of relevant work responsibilities strengthens support for an applicant's admission, particularly at the doctoral level. Doctoral applicants should submit a resume which indicates professional experiences and accomplishments as well as a one or two-page description of research interests and how this degree will support their career plans. Doctoral students should arrange for either an in-person or telephone interview with program faculty during the application process.
- e. **Letters of recommendation.** Each applicant should request a minimum of three letters of recommendation from persons qualified to assess the applicant's readiness for graduate study, and these letters should be sent to the school. Two of the letters should address the applicant's academic preparation and capabilities. At the doctoral level, at least one letter should address professional competence.

Academic Policies

Prior to completion of the 12th semester hour in the HP&R graduate program (master's or doctoral), the student must request approval of an advisory committee through the director's office. Upon approval of committee membership by the graduate dean, the student must submit a proposed plan of study for advisory committee approval. This plan should include all degree requirements and specification of planned electives and options within the degree program. The approved plan should be forwarded to the director's office prior to the student's enrollment in his/her 13th graduate hour.

Written and oral comprehensive examinations are required of all graduate students in the master's and doctoral programs. Requests to take these examinations must be made in the director's office. A 3.0 GPA is required for graduation.

The student's graduate advisory committee shall be responsible for administration and evaluation of the student's comprehensive examination. The chair of the advisory committee shall be responsible for reporting the results of the examination to the director. At least three HP&R graduate faculty members within the degree emphasis area must comprise master's advisory committees. Doctoral advisory committees must include at least three eligible HP&R graduate faculty within the degree program area emphasized.

Chairs of all advisory committees must be eligible HP&R graduate faculty.

A student's thesis or dissertation committee may be comprised of members of his/her advisory committee. It is expected that at least three (3) HP&R graduate faculty members from the advisory committee will be included on the student's thesis/dissertation committee. Additionally, an eligible HP&R graduate faculty member from the program emphasis area must serve as chair of the thesis/dissertation committee. The student may request eligible members outside of the school to serve on the committee. All committee membership (advisory or thesis/dissertation) must be approved by the graduate dean. All committee membership requests are submitted to the college dean upon the approval of the director of the school.

Continuous Enrollment Requirement: Students must meet the requirement specified in the front section of this *Bulletin*.

Plan of Study. Students must submit their signed, official *Plan of Study Form* to the Graduate Studies Office by the end of the **first semester** they are enrolled. The *Plan of Study Forms* are available at www.edu/graduatestudies - click on "Current Students" and then the "Plans of Study" link.

Master of Science Programs

Human Performance

Course requirements for the Master of Science degree in Human Performance include a minimum of thirty-six (36) semester hours of graduate work plus any undergraduate courses deemed necessary to correct deficiencies in the student's background. This degree program is designed to prepare professionals for leadership roles as physical educators or exercise specialists. This degree program prepares students for advanced graduate work or careers in the following emphasis areas: exercise science or physical education. A 3.0 GPA is required for graduation.

These degree program emphases provide concentrations of graduate level courses which are designed to facilitate preparation for attainment of professional certifications in human performance fields. These include: American College of Sports Medicine certifications (exercise specialist and health fitness instructor); National Strength and Conditioning Association certifications (strength and conditioning specialists), and state of Mississippi AA teachers licensure for physical education.

Requirements for an Emphasis in Exercise Science

Career Opportunities

This emphasis is specifically designed to prepare students as exercise physiologists or clinical exercise specialists. Career opportunities for the student choosing the exercise science emphasis exist in hospital, corporate, university, and wellness facilities.

Laboratories, Field Experiences, Internships, Practica

The exercise science emphasis offers several laboratory experiences designed to enhance the student's knowledge of metabolic testing, electrocardiography, graded exercise testing, exercise prescription, and blood collection/analysis. Courses with laboratory content include HPR 601, 602, 701/701L, and 735. Each student may also enroll in six (6) hours of HPR 696 (Practicum). HPR 696 provides the master's level student with opportunities for practical application of relevant theories in professional field setting.

Special Program Requirements

Students wishing to select the exercise science emphasis must have completed a baccalaureate degree in exercise science (or a related field), one course from either chemistry or biology, and additional undergraduate work in physiology and nutrition.

Course Requirements (36-42-Hour minimum)

	Hours
BSC 551 Mammalian Physiology.....	3
HPR 601 Exercise Physiology.....	3
HPR 602 Graded Exercise Testing.....	3
HPR 680 Research Techniques.....	3
HPR 701 Advanced Exercise Physiology I.....	3
HPR 701L Advanced Exercise Physiology I Laboratory.....	2
HPR 706 Cardiovascular Physiology.....	3
HPR 733 Nutrition in Human Performance.....	3
HPR 735 Electrocardiography.....	3
HPR 780 Graduate Seminar.....	1

HPR 792 Special Problems	3
Select one course from REF 602, CHS 540, CSS 515, or PSY 660	3
Students must select either thesis or nonthesis option.	
Thesis Option	
HPR 698: Thesis	6
OR	
Nonthesis Option	
HPR 696: Practicum	6
Elective	6

Requirements for an Emphasis in Physical Education Career Opportunities

Students wishing to pursue careers in the instruction of movement and fitness activities in school and nonschool settings should pursue this emphasis within the degree program.

Laboratories, Field Experiences, Internships, Practica

HPR 696 is designed to provide students with opportunities for practical applications of relevant theories in professional field settings. In this multihour course, each semester hour of credit requires 40 clock hours of practicum. The student plans the practicum project and the instructor of record works with the student to develop a contract. The contract, mutually agreed upon by the student, the cooperating teacher or administrator, and the instructor of record, specifies the methods of accountability.

Special Program Requirements

Students seeking Mississippi AA teacher licensure must presently have an A Mississippi standard teacher licensure and must select this emphasis within the human performance degree. An undergraduate degree in physical education or a recognized teaching field from an NCATE accredited institution is required in the AA licensure program.

Hours

Course Requirements (36-hour minimum)

REF 602: Introduction to Educational Statistics.....	3
HPR 604: Advanced Motor Development	3
HPR 677: Legal Aspects of Sport or EDA 710: School Law	3
HPR 680: Research Techniques	3
HPR 684: Sport Skill Analysis.....	3
HPR 704: Tests and Measurement in Physical Education	3
HPR 723: Adv. Methods of Teaching Physical Education.....	3
HPR 742: Program Design in Human Performance	3
HPR 744: Foundations & Trends in HP&R.....	3
HPR 745: Analysis of Teaching & Supervision in Physical Education.....	3
Core Requirements Total	30

The student must choose from either the thesis or practicum/elective option listed below:

	Thesis Option
HPR 698: Thesis	6
Practicum/Elective Option	
HPR 696: Practicum (3-6 hrs.) or adviser-approved electives (3-6 hrs.).....	6

Master of Science Sport Management

The Master of Science in Sport Management degree program is to prepare professionals for advanced careers in the expanding sport industry by enhancing their critical thinking skills and exposing them to expert knowledge and research in the field of sport. The curriculum has been designed and developed to enable students to acquire and demonstrate a set of management skills and an understanding of the sport industry through a combination of required core courses, electives, research and experiential components.

This master's degree program is available fully online via Internet, in the classroom or a combination of online and traditional courses.

Career Opportunities

The degree program is designed to prepare students for a career in interscholastic or intercollegiate athletic administration and coaching. The academic curriculum also serves students interested in pursuing job opportunities within the sport business industry, including facility/arena management, club management, corporate sport operations, professional team management, and state and national governing agency administration.

Laboratories, Field Experiences, Internships, Practica

HPR 691 (Research) and HPR 694 (Field Problems) provide the student with an opportunity to perform applied research and problem solving under academic supervision in an area of career interest within the sport industry.

HPR 696 (Practicum) offers the student the opportunity to apply classroom knowledge in the actual work environment under the tutelage of an athletic administrator or sport industry professional. Each semester hour of academic credit requires a minimum of 50 clock hours of on-the-job training and is performed under the framework of a contract mutually agreed upon by the student, faculty supervisor, and agency personnel.

HPR 700 (Internship) is full-time on the job training for students working with a sport industry organization. The nine semester hours course involves a full semester commitment by the student being mentored by a sports business professional.

Emphasis in Sports Event Security Management

A 9-hour emphasis in sports event security management is offered for those who wish to develop specific skills and expertise in homeland defense and security in a sport environment. HPR 620, 626, and 628 are required for this emphasis.

Special Program Requirements

A previous record of academic study in one of the areas of business administration is valuable and highly recommended in sport management.

Core requirements (36 hrs. minimum)

	Hours
HPR 612: Financial Management in Sport	3
HPR 630: Socio-Ethical Issues in Sport	3
HPR 642: Sport Venue and Event Management	3
HPR 670: Organizational Leadership & Management in Sport	3
HPR 677: Legal Aspects of Sport	3
HPR 682: Applied Research Methods and Statistics in Sport	3
HPR 696: Practicum or HPR 700 Internship (9 hrs).....	6
HPR 715: Sport Marketing and Public Relations	3

Electives:

Nine (9) hours of electives to be approved by the student's advisor.

Master of Science Sport Coaching Education

The Master of Science in Sport Coaching Education is designed to train professionals in the most current and up-to-date coaching and technological skills. Training in methods for assessing, evaluating, coaching, and training a diverse range of athletes will prepare them for an advanced career opportunities in coaching fields within the intercollegiate, interscholastic, and youth sport areas. The curriculum has been designed and developed to enable students to acquire and demonstrate a set of coaching skills through a combination of required courses, electives, research, and experiential components.

This master's degree program is available fully online via Internet, in the classroom or a combination of online and traditional courses.

Career Opportunities

The degree program is designed to prepare students for a career in interscholastic or intercollegiate coaching.

Laboratories, Field Experiences, Internships, Practica

HPR 691 (Research) and HPR 694 (Field Problems) provide the student with an opportunity to perform applied research and problem solving under academic supervision in an area of career interest within the sport industry.

HPR 696 (Practicum) offers the student the opportunity to apply classroom knowledge in the actual work environment under the tutelage of an athletic administrator, coach or sport professional. Each semester hour of academic credit requires a minimum of 50 clock hours of on-the-job training and is performed under the framework of a contract mutually agreed upon by the student, faculty supervisor, and agency personnel.

Special Program Requirements

A previous record of academic study or previous experience in coaching is highly recommended for those interested in master coaching preparation.

Course requirements (36 hrs minimum)

	Hours
HPR 604 Advanced Motor Development	3
HPR 605: Policy and Governance in Sport	3
HPR 609 Sport Psychology	3
HPR 670: Organizational Leadership & Management in Sport	3
HPR 672 Advanced Development of Strength & Conditioning Programs	3
HPR 675 Sport Coaching Methodology & Technology	3
HPR 677: Legal Aspects of Sport	3
HPR 679 Care and Treatment of Athletic Injuries	3
HPR 682: Applied Research Methods and Statistics in Sport	3
HPR 684 Sport Skills Analysis	3
HPR 696: Practicum or HPR 698: Thesis	6

Students must select either thesis or nonthesis option.

Thesis Option

HPR 698: Thesis	6
-----------------------	---

OR

Nonthesis Option

HPR 696: Practicum	6
--------------------------	---

Master of Science

Interscholastic Athletic Administration

Career Opportunities

This program is targeted to individuals pursuing the position of high school athletic director.

After completing the Master of Science in Interscholastic Administration, the graduate will be eligible for:

- AA Licensure in Mississippi
- Sit for Registered Athletic Administration (RAA) Certification
- Sit for the Certified Athletic Administrator (CAA) national exam

HPR 696 (Practicum) offers the student the opportunity to apply classroom knowledge in the actual work environment under the tutelage of an athletic administrator, coach or sport professional. Each semester hour of academic credit requires a minimum of 50 clock hours of on-the-job training and is performed under the framework of a contract mutually agreed upon by the student, faculty supervisor, and agency personnel.

Special Program Requirements

- Bachelor or master's degree
- Current teaching license
- GPA of 2.75 or higher on last 60 hours
- Acceptable GRE score
- TOEFL minimum score of 550 (internationals)
- Three letters of recommendation with two of them being from supervising school administrators and one of the candidate's choice
- Official transcripts from all higher learning institutions attended
- Cover letter/statement of intent
- Professional portfolio
- Writing sample
- Successful interview with graduate committee
- Minimum two years of successful teaching/coaching experience

Course Requirements (36 hour minimum)

	Hours
EDA 600 Introduction to Educational Leadership.....	3
EDA 700 Public School Finance.....	3
EDA 708 Developing and Managing Human Resources.....	3
EDA 710 School Law	3
HPR 630 Socio-Ethical Issues in Sport	3
HPR 670 Organizational Leadership in Sport Administration.....	3
HPR 677 Legal Aspects of Sport	3
HPR 682 Applied Research Methods and Statistics	3
HPR 715 Advanced Sport Administration Processes.....	3
HPR 731 Administration of Interscholastic Athletic Programs	3
HPR 696 Practicum.....	6

All the HPR and EDA courses can be taken fully online or in the classroom.

Master of Science

Recreation and Leisure Administration

The Master of Science in Recreation and Leisure Administration prepares students for professional careers in one of two areas: campus/community recreation or therapeutic recreation. The program is designed to provide students with additional academic preparation for work in administration of municipal, therapeutic or commercial programs.

Career Opportunities

The campus/community recreation administration emphasis prepares students who wish to pursue careers related to commercial recreation, outdoor recreation, community recreation, campus recreation, faith-based recreation, and park management.

The therapeutic recreation emphasis prepares students who wish to pursue careers related to the TR process (assessment, planning, implementation, and evaluation) and practice of TR in community, educational, residential, and hospital settings..

Laboratories, Field Experiences, Internships, Practica

HPR 691 (Research) and HPR 694 (Field Problems) provide the student with an opportunity to perform applied research and problem solving under academic supervision in an area of career interest within the recreation industry.

HPR 696 (Practicum) offers the student the opportunity to apply classroom knowledge in the actual work environment under the tutelage recreation professional. Each semester hour of academic credit requires a minimum of 50 clock hours of on-the-job training and is performed under the framework of a contract mutually agreed upon by the student, faculty supervisor, and agency personnel.

Special Program Requirements

Depending on the applicant's undergraduate preparation, the student may be required to take prerequisite courses in addition to the requirements of the graduate degree program. These prerequisites must be completed within the first semester of enrollment.

Campus/Community Course Requirements (37 hour minimum)

Core courses (13 hours)

REF 602: Introduction to Educational Statistics
 HPR 680: Research Techniques
 HPR 694: Field Problems
 HPR 710: Problems and Emerging Trends in Recreation
 HPR 712: Philosophical Foundations in Recreation

Professional Development (6 to 12 hours)

Students will select one (1) of the following three (3) options:

Option A: Thesis
 HPR 698: Thesis

Option B: Internship
 HPR 696: Practicum
 HPR 691: Research (professional paper)

Option C: Course Work
 Directed Electives
 HPR 691: Research (professional paper)

Electives: Select 12 to 18 hours with advisor's approval

Upon graduation, the student may be eligible to sit for the Certified Parks and Recreation Professional (CPRP) exam.

Therapeutic Recreation Course Requirements (37 hour minimum)

Core courses (13 hours)

HPR 680: Research Techniques
 HPR 694: Field Problems
 HPR 710: Problems and Emerging Trends in Recreation
 HPR 712: Philosophical Foundations in Recreation
 REF 602: Introduction to Educational Statistics

Professional Development (6 to 12 hours)

Students will select one (1) of the following three (3) options:

Option A: Thesis
 HPR 698: Thesis

Option B: Internship
 HPR 696: Practicum
 HPR 691: Research (professional paper)

Option C: Course Work
 Directed Electives
 HPR 691: Research (professional paper)

Electives: Select 12 to 18 hours with advisor's approval.

Upon graduation, the student may be eligible to sit for the Certified Therapeutic Recreation Specialist (CTRS) exam.

Master of Science

Sports and High Performance Materials

The Sports and High Performance Materials research degree is a collaboration between two of the university's premier research schools, the School of Polymers and the School of Human Performance and Recreation. Educational objectives of the program are to create professional research scientists who have the specific multidisciplinary advanced research skills to develop and test new materials that significantly improve athletic and human performance.

Career Opportunities

Students graduating from this program will be research professionals who are specifically trained to study, understand, and improve the relationship between materials, safety and human performance throughout the sporting goods industry. Some of the areas where students will find employment are sport product management, sport product design, research, sport product development, sales and marketing and manufacturing.

Laboratories, Field Experiences, Internships, Practica

HPR 691 (Research) provides the student with an opportunity to perform applied research and problem solving under academic supervision in an area of career interest within the sport industry.

Special Program Requirements

Specific details of admission and program requirements are outlined in a separate handbook provided by the Sports and High Performance Materials Program.

Course requirements (36 hrs minimum)

	Hours
PSC 510 Safety Principles and Procedures in Chemical Sciences	1
PSC 701 Organic Polymer Chemistry I.....	3
PSC 710 Polymer Physical Chemistry I: Solution Properties	3
PSC 703 Organic Polymer Chemistry III or	
PSC 712 Polymer Physical Chemistry III: Solid State	3
PSC 789 Polymer Science Seminar	1
PSC 820 Advanced Composite Materials	3
PSC 820L Advanced Composite Materials Laboratory	2
HPR 701 Advanced Exercise Physiology I.....	3
HPR 701L Advanced Exercise Physiology I Lab	2
HPR 704 Tests & Measurement in Human Performance	3
HPR 734 Advanced Biomechanics	3
HPR 734L Advanced Biomechanics Lab.....	3
HPR 691 Research	1 to 12
PSC or HPR 698 Thesis	1 to 6

Dual Degree

Master of Science in Sport Management and Master of Business Administration

The Dual Master of Business Administration (MBA) and Master of Science Sport Management dual degree program is a collaboration between the College of Business and the College of Health. The MBA/Sport Management curriculum will be taught between the School of Human Performance and Recreation and the College of Business. This dual degree will afford gifted students a unique combination of sport industry experience and business knowledge, skills, and abilities relative to assuming an executive sport business position. A culminating internship experience with executives in professional and amateur sport organizations will give the student on-the-job training, networking opportunities and access to a career within the sport industry.

Students must meet requirements and prerequisites in BOTH programs in order to qualify for admission into this dual 60-semester-hour program. Upon completion of the program, the student will receive two graduate degrees: MBA and M.S. Sport Management. The GMAT is required for admission into this program.

Career Opportunities

Employment for the dual Master in Sport Management and Master of Business Administration graduate will be found in areas such as intercollegiate sports, professional sports, amateur sports, Olympics, event management, facilities management, sport fund raising, sport marketing, sports public relations, and corporate sports.

Course requirements (60 hour minimum)

	Hours
MBA 610 Analytical Decision Making.....	3
MBA 640 Problems in Corporate Finance.....	3
HPR 670 Organizational Leadership & Management in Sport.....	3
HPR 677 Legal Issues in Sport.....	3
MBA 605 Problems in Marketing Management.....	3
MBA 645 Communication Skills for Managers.....	3
HPR 630 Socio-Ethical Issues in Sport.....	3
HPR 715 Advanced Sport Administration Processes.....	3
MBA 600 Business and Society.....	3
HPR 612 Financial Management in Sport.....	3
MBA 650 Technology in Modern Organization.....	3
MBA 660 Global Business Strategy.....	3
HPR 682 Research Methods in Sport and Human Performance.....	3
HPR 642 Sport Venue and Event Management.....	3
Advisor Approved Electives.....	9
HPR 696 Practicum (6 hrs) or HPR 700 Internship (9 hrs).....	9

Doctoral Program Human Performance

Career Opportunities

The Doctor of Philosophy (Ph.D.) emphasis in administration and teaching is designed not only to provide strong didactic disciplinary based curriculum, but to also provide strong research experiences for future careers in academia.

The Doctor of Philosophy (Ph.D.) emphasis in exercise physiology is specifically designed to prepare students as exercise physiologists leading to career opportunities in teaching and research in higher education and/or industry.

Laboratories, Field Experiences, Internships, Practica

HPR 796 (Practicum) is designed to provide students with opportunities for practical applications of relevant theories in professional field settings. In this multihour course, each semester hour of credit requires 50 clock hours of practicum.

The student plans the practicum project and the instructor of record works with the student to develop a contract. The contract, mutually agreed upon by the student, the cooperating teacher or administrative supervisor, and the instructor of record, specifies the methods of accountability.

A strong laboratory research emphasis is additionally integrated into doctoral studies in exercise physiology. Several laboratory experiences are designed to enhance the student's knowledge of metabolic testing, electrocardiography, graded exercise testing, exercise prescription, and blood collection/analysis. HPR 701/701L and HPR 805/805L are examples of courses with laboratory content.

Special Program Requirements

1. A graduate degree and appropriate bachelor's preparation in the physical education, sport management, athletic training, or an appropriately related field is required for consideration for admission in the administration and teaching phases and exercise physiology of the doctoral programs.
2. Programs of study, including all course requirements, independent research or field-based projects, and additional requirements specified by the university for proficiency in statistics, computer science or foreign language must be approved by each student's advisory committee. The general focus of dissertation research will be initially approved by the student's advisory committee. The specific nature and foci of the research must be approved by the student's dissertation committee.

Research Tool(s)

3. A Research tool(s) component is required of all doctoral students, and may be fulfilled in a variety of ways dependent upon the background, needs, and experience of the student.
The following guidelines apply:
The Doctor of Philosophy degree requires nine (9) hours of statistics and either
 - 1) six (6) hours of a foreign language or
 - 2) six (6) hours of research electives.
 See program for specific course requirements.
4. Upon the acceptance of the dissertation by the candidate’s dissertation committee and at least six weeks prior to graduation, a final oral examination in defense of the candidate’s dissertation will be administered by the student’s dissertation committee.

Residency

Students must meet the residence requirements specified in this *Bulletin*.

Continuous Enrollment Requirement: Students must meet the requirement specified in the front section of this *Bulletin*.

Plan of Study. Students must submit their signed, official *Plan of Study Form* to the Graduate Studies Office by the end of the **second semester** they are enrolled. The *Plan of Study Forms* are available at www.edu/graduatestudies - click on "Current Students" and then the "Plans of Study" link.

Doctor of Philosophy in Human Performance - Administration and Teaching Emphasis

	Hours
Statistics/Research Component: (See program for specific course requirements).....	9
Foreign Language/Advanced Research Component:	
Committee-approved advanced research electives	6
-or-	
Approved foreign language courses or demonstrated competency (See university foreign language guidelines in this <i>Bulletin</i>)	6
Dissertation	12
Course Requirements:	
HPR 677 Legal Aspects of Sport, or EDA 710 School Law	3
HPR 680 Research Techniques in Human Performance & Recreation	3
HPR 720 Administration of Human Performance Programs	3
HPR 725 Facilities Management in Human Performance & Recreation	3
HPR 742 Program Design in Human Performance	3
HPR 744 Foundations and Trends in Human Performance & Recreation	3
HPR 745 Analysis of Teaching and Supervision in Physical Education	3
HPR 796 Practicum	3
HPR 821 Advanced Administration of Human Performance Programs	3
HPR 840 Professional Preparation in Human Performance	3
HPR 845 Research in Teaching Physical Education.....	3
Advisory committee-approved electives.....	12
Total:--	72

Doctor of Philosophy in Human Performance - Exercise Physiology Emphasis

	Hours
Statistics/Research Component: (See program for specific course requirements).....	9
Foreign Language/Advanced Research Component:	
Committee-approved advanced research electives	6
-or-	
Approved foreign language courses or demonstrated competency (See university foreign language guidelines in this <i>Bulletin</i>)	6
Dissertation	12
Course Requirements:	
CHE 521 Biochemistry I.....	3
CHE 522 Biochemistry II	3
BSC 551 Mammalian Physiology.....	3
HPR 701 Advanced Exercise Physiology I.....	3
HPR 701L Advanced Exercise Physiology I Lab	2
HPR 706 Cardiovascular Physiology.....	3
HPR 733 Nutrition and Human Performance.....	3
HPR 780 Graduate Seminar	2
HPR 791 Research	3
HPR 792 Special Problems	6
HPR 805 Advanced Exercise Physiology II	3
HPR 805L Advanced Exercise Physiology II Laboratory	2
Advisory committee-approved electives.....	9
Total:---	72

Doctor of Philosophy Sports and High Performance Materials

The Sports and High Performance Materials research degree is a collaboration between two of the university's premier research schools, the School of Polymers and High Performance Materials and the School of Human Performance and Recreation. Educational objectives of the program are to create professional research scientists who have the specific multidisciplinary advanced research skills to develop and test new materials that significantly improve athletic and human performance.

Admission Requirements

Demonstrated excellence in course work, passing the cumulative examinations and passing of an oral examination that follows a written independent research proposal is necessary for a student to formally enter the doctoral program. Admission of students with previous graduate course work or master's degrees from other institutions will be considered on an individual basis.

- The applicant must be eligible to re-enter in good standing the last college or university attended.
- The applicant must present evidence, by official transcript, of a grade point average of no lower than 3.5 (calculated on a 4.0 scale) on previous graduate course work. Applicants must also submit official transcripts from all other institutions attended.
- The applicant must have at least three letters of recommendation from persons qualified to assess the applicant's readiness for doctoral work.
- Applicant's must have results from the general test of the Graduate Record Examination (GRE) sent to Graduate Admissions.
- International students should submit TOEFL scores.

Admission to candidacy requires:

- No more than 2 grades lower than a **B** in the first 27 hours of core courses;
- A minimum GPA of 3.5 in at least 30 hours of graduate courses taken at USM, including the core courses and research;
- Passing nine (9) of eighteen (18) cumulative examinations (comprehensive exam);
- Passing an oral examination that follows the completion of a written independent research proposal;
- Arrange for graduate advisor by the end of the first semester.

Additional requirements for the Ph.D. degree dealing with residency, the research tools, the committee, the dissertation, the dissertation defense, application for candidacy and graduation are described elsewhere in this bulletin.

Specific details of the admission and program requirements are outlined in a separate handbook provided by the Sports and High Performance Materials program.

Career Opportunities

Students graduating from this program will be research professionals who are specifically trained to study, understand, and improve the relationship between materials, safety and human performance throughout the sporting goods industry. Some of the areas where students will find employment are sport product management, sport product design, research, sport product development, sales and marketing and manufacturing.

Doctoral students must take all core courses.

Course requirements (36 hrs minimum)

	Hours
PSC 510 Safety Principles and Procedures in Chemical Sciences	1
PSC 701 Organic Polymer Chemistry I.....	3
PSC 710 Polymer Physical chemistry I: Solution Properties	3
PSC 703 Organic Polymer Chemistry III or	
PSC 712 Polymer Physical Chemistry III: Solid State	3
PSC 789 Polymer Science Seminar	1
PSC 820 Advanced Composite Materials	3
PSC 820L Advanced Composite Materials Laboratory	2
HPR 701 Advanced Exercise Physiology I.....	3
HPR 701L Advanced Exercise Physiology I Lab	2
HPR 704 Tests & Measurement in Human Performance	3
HPR 734 Advanced Biomechanics	3
HPR 734L Advanced Biomechanics Lab.....	3
HPR 691 Research	1 to 12
PSC or HPR 698 Thesis	1 to 6

In addition, the student is required to complete nine (9) hours of 800-level electives and twelve (12) hours of dissertation.

Department of Medical Technology

M. Jane Hudson, Ph.D., Chair
118 College Drive #5134
Hattiesburg, MS 39406-0001
(601) 266-4908
www.usm.edu/medtech

Bryant, Hall, Hudson, Jones, Lux

Master of Science Program

The Master of Science in Medical Technology degree programs seek to provide the student with skills and knowledge for professional enhancement. Graduates of the programs may be candidates for positions as laboratory managers, education coordinators, hospital or college/university medical technology faculty members, researchers, departmental supervisors, etc. The program is structured to provide the student with an area of emphasis.

The Department of Medical Technology offers two programs leading to the master's degree in medical technology. One program is for the individual who possesses certification as a medical technologist from a recognized national certifying agency. This certification is an entrance requirement.

The second program is for the individual who does not hold certification as a medical technologist from a recognized national certifying agency. This program includes a medical technology practicum that allows the individual to become eligible to take a national certification examination. To exit this program, the student must make a score on a nationally recognized certification examination that is deemed satisfactory by the graduate medical technology faculty.

Admission Requirements

For both programs, in addition to meeting the general requirements of the Graduate School and university as stated in this *Bulletin*, the applicant must submit scores from the GRE and three letters of recommendation. Letters of recommendation should be from persons qualified to assess the applicant's readiness for graduate study and should be sent to the department or school. Students admitted will receive either regular or conditional admission, as described earlier in this *Bulletin*. Students admitted on conditional basis must make a grade point average of at least 3.0 the first semester on specific courses designated by the department faculty (specifically on the first nine (9) hours of coursework numbered 500 or above or on all coursework taken while completing this nine (9)-hour requirement). Regardless of previous college experience, if English is not the native language of any student, evidence of English proficiency must be provided prior to admission into the graduate program. The MTELP (Michigan Test of English Language Proficiency) requirement is "Proficiency II" and is preferred by the department. Alternatively a TOEFL of 550 may be accepted. In addition, a score of 4 ("functional language skills") must be earned on a fluency test administered by the English Language Institute. This fluency test is specifically designed to determine listening and speaking skills with respect to situations and language expected during the practicum phase of the program.

To receive maximum consideration, graduate applications for the fall semester should be received by the department by April 15, and applications for the spring semester should be received by November 1.

Plan of Study. Students must submit their signed, official *Plan of Study Form* to the Graduate Studies Office by the end of the **first semester** they are enrolled. The *Plan of Study Forms* are available at www.edu/graduatestudies - click on "Current Students" and then the "Plans of Study" link.

Program Requirements

A minimum of thirty (30) semester hours of coursework, excluding hours awarded for thesis, is required for the thesis option. A minimum of thirty-six (36) semester hours of coursework is required for the nonthesis option. In addition, individuals who do not hold certification at admission must complete a practicum of forty-six (46) hours. If a student has a felony conviction, the student may not be able to complete this degree because the student may not be able to perform the clinical experience. A minimum of eighteen (18) semester hours must be in courses numbered 600 or above. The courses should interrelate and be directed toward an area of emphasis. An area of emphasis such as microbiology, chemistry, hematology, immunology, management, or education will be chosen by the student. All coursework will be designated and approved by the student's graduate committee during the first semester of the program. Students selecting the thesis option are required to write a thesis under the direction of a medical technology department faculty member on a subject approved by the student's graduate committee. The student's graduate committee is composed of a chair and two members recommended by the department chair and appointed by the Graduate Studies Office. Courses in which a student receives less than a C will not be counted toward the degree. A student may not have more than two practicum courses and two other courses with a grade of C or below. Upon completion of coursework, all students must pass oral and written comprehensive examinations. Additionally, a student selecting the thesis option must successfully present an oral defense of the master's thesis. Students must have at least a 3.0 GPA to graduate.

Nonmajor master's students must obtain permission from the instructor to register for MTC 502, 502L, 504, 504L, 506, 506L, 515. Registration for practicum-level courses is limited as described in this *Bulletin*.

The Center for Science and Mathematics Education offers a program leading to the Doctor of Philosophy or Doctor of Education degree in Science Education with an emphasis in medical technology. Graduates of this program may be candidates for faculty positions in a variety of educational settings. See entry for Science and Mathematics Education for further information.

Continuous Enrollment Requirement: Students must meet the requirement specified in the front section of this *Bulletin*.

School of Nursing

Katherine Nugent, Ph.D., Director

Sheila Davis, Ph.D., Associate Director for Graduate Programs

118 College Drive #5095

Hattiesburg, MS 39406-0001

(601) 266-5457

www.usm.edu/nursing

Anderson, Butts, Chatham, Coyne, Harbaugh, James, Lundy, Luther, Masters, Mitchell, Nugent, Reinert, Rich

Unit Description

The School of Nursing offers programs at three sites - Hattiesburg, the Gulf Coast, and Meridian. The director is responsible for the implementation of programs on all sites. There are campus coordinators at Meridian and the Gulf Coast who coordinate scheduling and student admission and advisement at these sites. The associate director of graduate programs is responsible for admission and advisement of graduate students on the Hattiesburg campus.

Master of Science in Nursing Degree Program

The School of Nursing offers the Master of Science in Nursing (MSN) degree with specialization in adult health nursing, community health nursing, family nurse practitioner, nursing executive, psychiatric nursing, and psychiatric nurse practitioner.

The purposes of the master's program in nursing are to provide study in advanced nursing practice and role development, and to provide a foundation for doctoral study.

Admission Requirements

The School of Nursing adheres to the university policies with regard to the admission of graduate students. In a limited number of cases, conditional admission may be granted to applicants who do not meet the minimum requirements. Members of all underrepresented groups are strongly encouraged to apply. In addition to meeting the university requirements for admission to graduate study, the master's program applicant must have:

1. graduated from a baccalaureate program accredited by the National League for Nursing Accrediting Commission or the Commission on Collegiate Nursing Education;
2. a 3.0 grade point average (GPA) in undergraduate nursing courses and a minimum 2.75 GPA on the last 60 hours;
3. completed an introductory course in statistics;
4. physical assessment skills;
5. submitted scores from the Graduate Record Examination (GRE);
6. unencumbered registered nurse (RN) license;
7. proof of immunization against the Hepatitis B virus;
8. current cardio-pulmonary resuscitation (CPR) certificate;
9. a yearly tuberculosis (TB) skin test;
10. proof of a recent health examination; and
11. submission of three letters of reference from employers, supervisors, teachers, or others who are qualified to assess the student's academic ability and readiness for graduate study. The letters should be sent to Graduate Programs in the School of Nursing.

Exceptions to the above criteria must be approved by the coordinator for the Graduate Program, the director of the School of Nursing, and the Office of Graduate Studies.

Academic Progression

A student must maintain a 3.0 grade point average each semester and may not earn more than 6 hours with a grade of C in the program of study. Failure to meet this requirement will result in denial of progression in the graduate nursing program.

Additional Requirements

Students enrolled in any laboratory course must adhere to agency guidelines and must maintain their nursing license to practice throughout the program of study. Students must purchase liability insurance through the university. The insurance fee will be charged for each semester the student is enrolled in a clinical course at the time of registration. NP students will be expected to purchase physical assessment equipment.

Students must remain current in the Health Insurance Portability and Accountability Act (HIPPA) training.

Plan of Study. Students must submit their signed, official *Plan of Study Form* to the Graduate Studies Office by the end of the **first semester** they are enrolled. The *Plan of Study Forms* are available at www.edu/graduatestudies - click on "Current Students" and then the "Plans of Study" link.

Program Requirements

Forty-five (45) to fifty-four (54) credit hours are required to complete the program: 21 hours in the core and 24 to 33 hours in the area of emphasis, including clinical courses, guided electives, and support courses (18 hours at the 600 level). A comprehensive exam and a 3.0 GPA are required to graduate.

Depending upon enrollment and resources, all nursing emphasis areas may not be available at the Hattiesburg, Gulf Park, and Meridian campuses. The master’s programs on the Gulf Park and Meridian campuses are offered on alternate weekends.

If a student has a felony conviction, the student may not be able to complete the degree because the student may not be able to perform the required clinical experience.

Family nurse practitioner students must petition by October 1 to seek admission into the clinical course sequence that begins in the spring semester. Acceptance is contingent on students having completed prerequisite courses and facility and clinical availability.

Continuous Enrollment Requirement: Students must meet the requirement specified in the front section of this *Bulletin*.

Emphasis Areas

Students may select from the following emphasis areas (required emphasis area courses are also listed):

Adult Health Nursing**

Required courses: NSG 646, 647, 648/648L, 640/640L, 641/641L, and electives

Community Health Nursing**

Required courses: NSG 621, 622/622L, 623/623L, and electives

Family Nurse Practitioner*

Required courses: NSG 646, 647, 648/648L, 661/661L, 662/662L, 663/663L, 664L, MTC 601

Nursing Executive**

Required courses: NSG 539, 612, 618/618L, 619, 620, 679L, and electives

Psychiatric Nursing**

Required courses: NSG 630, 631/631L, 632/632L, 633/633L, and electives

Psychiatric Nurse Practitioner*

Required Courses: NSG 630, 631/631L, 632/632L, 633/633L, 634L, 646, 647, 648/648L

*Upon graduation, students are eligible to sit for the national certification examinations.

**Extra clinical experience may be built into these programs to meet eligibility requirements for national certification exams.

Core Courses:

Hours

Graduate Level Statistics Course	3
NSG 600 Policy, Organization and Financing of Health Care	3
NSG 602 Ethics, Role, and Diversity in Advanced Nursing	3
NSG 603 Nursing Research I	3
NSG 604 Nursing Research II	3
NSG 698 Thesis or NSG 691 Project and Elective	6

Master of Science in Nursing for Graduates of Diploma and Associate Degree Programs

In keeping with its commitment to excellence and leadership in nursing, the School of Nursing offers a Master of Science in Nursing degree designed for nurses holding an Associate Degree (ADN) or a Diploma in Nursing. ADN or diploma nurses may complete the degree requirements in two to two-and one-half (2-2 1/2) years of full-time study. With this plan, students do not receive the baccalaureate degree, but after completing prerequisites they may proceed with the graduate-level courses. Students may elect to pursue the program of study on a part time basis. Students select an emphasis area on admission.

Admission Requirements

1. an Associate Degree or Diploma in Nursing from a program accredited by the National League for Nursing Accreditation Commission
2. evidence of an unencumbered registered nurse license
3. an overall GPA of 2.75
4. a minimum of a C grade in each course applicable to the nursing curriculum (only one natural science course may be repeated once)
5. a GPA of 3.0 in every nursing course
6. proof of immunization against the Hepatitis B virus
7. proof of recent health examination
8. tuberculosis skin test yearly
9. current CPR certification
10. submission of scores from the Graduate Record Examination (GRE)
11. three letters of recommendation from persons qualified to assess the applicant's readiness for graduate study sent to the School of Nursing

Plan of Study. Students must submit their signed, official *Plan of Study Form* to the Graduate Studies Office by the end of the **first semester** they are enrolled. The *Plan of Study Forms* are available at www.edu/graduatestudies - click on "Current Students" and then the "Plans of Study" link.

Program Requirements

The generic Master of Science in Nursing degree requires a minimum of 94 undergraduate credit hours that include 30 hours of credit for lower-division nursing courses. The student must complete 22 hours of upper division nursing courses with a GPA of 3.0 or better. Students declare their emphasis area at the time of admission to the program. All candidates for the degree must complete a minimum of 45 semester hours of coursework leading to the Master of Science in Nursing Degree. Students seeking admission to the Family Nurse Practitioner Program must meet the additional requirements for admission and complete a minimum of 52 semester hours of coursework. Psychiatric Nurse Practitioner students must complete a minimum of fifty-four (54) semester hours of coursework (18 hours at 600 level). Academic progression policies are the same for all master's degree students. A comprehensive exam is required. The students must complete the entire program of study and have a 3.0 GPA in order to receive a degree.

If a student has a felony conviction, the student may not be able to complete the degree because the student may not be able to perform the clinical experience.

Financial Assistance

Traineeships/scholarships may be available from federal and state funding sources depending on the selected area of study and availability of funding in any given year. Financial assistance also is available from the Financial Aid Office of the university. Funding resources are subject to change, and payback clauses may be part of the funding agreement.

Interdisciplinary Minor in Gerontology

The School of Nursing participates in the interdisciplinary gerontology minor offered with the College of Health. A designated faculty adviser in the school assists interested students in completing the requirements for that minor. Specific requirements and courses available for the minor can be found in the College of Health section of this *Bulletin*.

Graduate Certificate in Gerontology

The school collaborates with the College of Health offering a graduate certificate in gerontology for those who need additional or specialized training, but who do not wish to pursue a master's degree, or for current Southern Miss graduate students who wish to receive more than a minor degree. A graduate certificate in gerontology will provide students and professionals an opportunity to broaden their theoretical knowledge of aging, the aged, and the policy-making process, keep abreast of changes in the field, meet new educational requirements for their jobs, or prepare for a new position. Specific requirements and courses available for the certificate are in the College of Health section of this *Bulletin*.

Graduate Certificate in Nursing

The School of nursing offers graduate certificates in Nursing for MSN graduates who desire to obtain additional education in another clinical emphasis area (see emphasis areas listed on prior pages). These certificates will provide students and professionals an opportunity to gain expertise in another emphasis area to meet educational and role requirements for their present or future employment or to meet advanced clinical certification in specialty areas.

Admission Requirements

- MSN degree from a program accredited by the National League for Nursing Accrediting Commission or the Commission on Collegiate Nursing Education (must submit official transcript)
- An unencumbered registered nurse (RN) license
- All other general requirements required by the Graduate Studies Office (see Bulletin)

Program Requirements

- a minimum of 18 credits hours is required
- Student will complete the required emphasis area core and clinical courses identified by the Associate Director of Nursing after reviewing the student's official MSN transcript.
- Student must earn a B or better in each course required for the certificate.
- Student may repeat one course only one time if he/she has received a grade of less than a B.
- Student shall complete the requirements for the Certificate within 4 years.

Doctor of Philosophy Degree

The purpose of the Doctor of Philosophy degree in Nursing is to prepare scholars with expertise in selected, substantive areas who will contribute to the science and practice of nursing through systematic inquiry and theory development. Graduates will be prepared to meet state, regional, and national needs for doctorally prepared faculty in schools of nursing and other leadership positions in health-related organizations.

The school has a collaborative program with the University of Mississippi Medical Center School of Nursing. Each university grants its own degree, but there are common admission requirements and a common core of courses that may be taken on either campus. Each institution has different selected fields of study.

Admission Criteria

Application for admission to the program must be completed by March 1 of the year students seek fall admission. Admission to the doctoral program depends upon sufficient enrollment, university resources, and qualifications of applicants. A select number of students will be admitted to the program based on the following criteria:

1. graduation from a master's program in nursing with a practice focus accredited by the National League for Nursing Accreditation Commission or the Commission on Collegiate Nursing Education
2. evidence of current unencumbered licensure to practice professional nursing
3. three letters of reference, including two from doctorally prepared nurses and one from a current or recent employer, that speak to the applicant's intellectual ability, academic potential, and professional achievement; the letters should be sent to the School of Nursing

4. evidence of communication skills (portfolio of scholarly work)
5. a 3.50 grade point average on all previous graduate work
6. satisfactory scores on the verbal, quantitative, and analytical sections of the Graduate Record Examination (GRE)
7. an interview (personal or telephone) with one or more faculty members
8. congruency between student goals and interests and faculty/program emphasis areas

Academic Progression

A series of examinations and procedures mark the student's progression in the Ph.D. program.

1. selection of a Doctoral Program Committee and filing academic program of study
2. a comprehensive examination administered after all major coursework has been completed
3. selection of a dissertation committee which will oversee the student's work toward the degree
4. a final oral examination (dissertation defense) which covers the dissertation research and related fields administered at the completion of the dissertation
5. fulfillment of the residency requirement, which may be met by continuous enrollment of
 - 6 semester hours for each of 4 consecutive semesters
 - 9 semester hours for each of 3 consecutive semesters, or
 - 12 semester hours for each of 2 consecutive semesters
6. fulfillment of Research Tool(s) requirements
7. a 3.0 GPA is required for graduation

Continuous Enrollment Requirement: Students must meet the requirement specified in the front section of this *Bulletin*.

Plan of Study. Students must submit their signed, official *Plan of Study Form* to the Graduate Studies Office by the end of the **second semester** they are enrolled. The *Plan of Study Forms* are available at www.edu/graduatestudies - click on "Current Students" and then the "Plans of Study" link.

Curriculum-A total of 65-66 semester hours are required for graduation

Common Core—14-15 Semester hours

Course	Semester Hours
NSG 701-Philosophy of Science	3
NSG 702-Theory Development	3
NSG 710-Quantitative Research Designs	3
NSG 711-Qualitative Research Designs	3
Advanced Statistics	2-3

Southern Miss School of Nursing Core

(in addition to the common core)—18 semester hours

Course	Semester Hours
NSG 703-Theory Development II	3
Advanced Statistics	3
NSG 712-Instrument Development and Analysis	3
NSG 720-Issues in Bioethics	3
NSG 740-Issues in Leadership	3
NSG 760-Introduction to Nursing and Health Policy	3

Emphasis Areas and Support Courses — 21 semester hours

Students may select one of the three major emphasis areas- ethics, leadership, or policy analysis- from which to complete 21 semester hours of study. Students will register for 9-12 semester hours in their fields of study, and 9-12 hours of courses that will support their emphasis areas from other schools and departments in the university (e.g. 12 hours of ethics and 9 hours of support courses to equal 21 semester hours).

Emphasis Areas

Students must take 9-12 semester hours in the selected emphasis area:

Ethics

NSG 721, 722, 723, 724

Leadership

NSG 741, 742, 743, 744

Policy Analysis

NSG 761, 762, 763, 764

Dissertation

A total of 12 semester hours is allotted for the dissertation research.

Research Tools Requirement

The following courses meet the research tools requirements for the college:

NSG 710 - 3 hrs.

NSG 711 - 3 hrs.

NSG 712 - 3 hrs.

Advanced Statistics - 3 hrs.

Department of Nutrition and Food Systems

M. Kathleen Yadrick, Ph.D., Chair

118 College Drive #5172

Hattiesburg, MS 39406-0001

(601) 266-5377

www.usm.edu/nfs

Bounds, Brown, Connell, Gerald, Molaison, Rushing, Yadrick, Zoellner

Unit Description

The Department of Nutrition and Food Systems offers the Master of Science degree and the Doctor of Philosophy degree in Nutrition and Food Systems, and a graduate certificate in Management of Child Nutrition Programs.

Interdisciplinary Minor and Graduate Certificate in Gerontology: The department participates in the interdisciplinary minor in gerontology and graduate certificate in gerontology.

Specific requirements and courses available for the minor and the certificate can be found under the Interdisciplinary Minor and Graduate Certificate in Gerontology headings in the College of Health section of this *Bulletin*.

Graduate Certificate in Management of Child Nutrition Programs

The Graduate Certificate in Management of Child Nutrition Programs is available for those who desire specialized training but do not wish to pursue a master's degree. Courses are offered in an online format to meet professional requirements of individuals employed in or seeking employment in School Nutrition Programs.

Requirements for Admission

Applicants must complete the Application for Admission for Graduate Studies, checking Non-Degree certificate under Academic Status, and submit the application to the Office of Graduate Studies, 118 College Drive #10066, Hattiesburg, MS 39406. Applicants must submit a letter of application to the graduate coordinator, Department of Nutrition and Food Systems, 118 College Drive #5172, Hattiesburg, MS 39406. The letter should describe their professional goals and how this certificate program fits into those goals. The graduate program committee of the Department of Nutrition and Food Systems makes admission recommendations based on evidence of holding, at a minimum, a baccalaureate degree from an institution approved by a recognized accrediting agency, and being in good standing at the last institution attended.

Program Requirements

- 1) The student must complete 18 semester hours of courses as specified below, with a grade of B or better in each course.
- 2) The student may repeat a class only one time if he/she receives a grade less than a B.
- 3) The student must complete requirements within four years.

Courses

NFS 545 Financial Management in Nutrition and Food Systems

NFS 575 Food Production Management

NFS 625 The Nutrition of Children

NFS 673 Child Nutrition Program Management

NFS 690 Current Topics in Child Nutrition Programs

NFS 715 Recent Developments in Applied Nutrition

Master of Science in Nutrition and Food Systems

Overview of Major

The Master of Science degree in Nutrition and Food Systems offers graduates opportunities to pursue careers in dietetics, school food service and child nutrition program management, food and nutrition services management, and community nutrition. The curriculum is designed to provide students with an understanding of research design and advanced knowledge in applied nutrition, food systems management, or both. Students with appropriate prerequisites may also make application to complete requirements for credentialing as a registered dietitian through Southern Miss' Didactic Program in Dietetics and Dietetic Internship, both of which are accredited by the Commission on Accreditation for Dietetics Education of the American Dietetic Association.

Requirements for Admission

Regular admission to the Department of Nutrition and Food Systems master of science degree program requires a bachelor's degree from an accredited institution, a grade point average (GPA) of at least 2.75 in the last 60 hours of coursework, a 3.0 GPA in major, submission of test scores from the Graduate Record Examination (GRE), and three letters of recommendation from professionals familiar with the applicant's work and qualified to assess the applicant's readiness for graduate study. The letters of recommendation should offer clear support for the applicant's ability and potential for success in the program and should be sent to the Department of Nutrition and Food Systems. Performance in specific courses related to the desired major will also be evaluated. Graduate work in the major and minor fields of specialization must be preceded by coursework sufficient to satisfy undergraduate requirements or enough related work to indicate the student's ability to do graduate work in the major and minor fields. Students may correct academic deficiencies by taking or auditing recommended undergraduate courses. Members of all underrepresented groups are encouraged to apply.

Requirements for Graduation

In the Department of Nutrition and Food Systems, the minimum requirement for a master's degree is 36 semester hours (18 hours of 600 level or higher). The degree plan offers thesis and nonthesis options; the requirements for these options differ. All students will take comprehensive examinations as described in the departmental manual for graduate students. A 3.0 GPA is required for graduation.

Continuous Enrollment Requirement: Students must meet the requirement specified in the front section of this *Bulletin*.

Plan of Study. Students must submit their signed, official *Plan of Study Form* to the Graduate Studies Office by the end of the **first semester** they are enrolled. The *Plan of Study Forms* are available at www.edu/graduatestudies - click on "Current Students" and then the "Plans of Study" link.

Requirements for the Master of Science in Nutrition and Food Systems

Core Requirements (12-15 hours)	Hours
CHS 623 Introduction to Biostatistics	3
NFS 703 Research Techniques for Nutrition and Food Systems.....	3
NFS 715 Recent Developments in Applied Nutrition.....	3
OR	
NFS 694 Current Topics in Food Systems Management.....	3
NFS 698 Thesis (6 hours)	6
OR	
NFS 692 Special Problems (professional project).....	3

For the remaining 21-24 hours, students can elect to pursue one of three tracks: Dietetics Practice, Food and Nutrition Programs Management, or Applied Nutrition. Students select coursework with guidance from their advisor, with a minimum of 15 hours from NFS courses.

Doctor of Philosophy in Nutrition and Food Systems

The Doctor of Philosophy degree in Nutrition and Food Systems will prepare students for leadership and research positions in nutrition or food systems. Career choices upon completion of the Doctor of Philosophy include teaching/research positions in institutions of higher learning, administrative positions in large food service programs including schools and medical and military facilities, and research positions in public and private sectors. Depending on selection of classes, students may emphasize applied nutrition, food systems management or both areas in their program. The curriculum requires 54 semester hours beyond the master's degree. Research tools proficiency, comprehensive exam, a dissertation, and a 3.0 GPA are also required for graduation.

Requirements for Admission

In addition to meeting the university requirements for admission to the Graduate School, the doctoral program applicant must meet the following requirements for admission to the Nutrition and Food Systems program:

1. Completion of a master's degree and prerequisite courses for the area of major emphasis is required. Food service management prerequisites include food service management, quantity foods, management, general/normal nutrition, life cycle nutrition, and univariate statistics. Applied nutrition prerequisites include general, organic, and biochemistry, advanced nutrition, anatomy and physiology, food service management, and univariate statistics.
2. A minimum grade point average (GPA) of 3.5 on a 4.0 scale is required on previous graduate work.
3. Submission of acceptable GRE scores is required.
4. A minimum of two years of professional experience in nutrition, food service management, or a related area is recommended.
5. A current vita and a letter of application should be submitted to the chair of the Department of Nutrition and Food Systems. The letter of application should include career goals and reasons for pursuing the Doctor of Philosophy, should state the intent to emphasize food service management, applied nutrition, or both, and should indicate how previous education and work experience have prepared the individual to pursue the Doctor of Philosophy.
6. Three letters of recommendation addressing professional competence and readiness for doctoral work should be sent directly to the Department of Nutrition and Food Systems.
7. An interview must be scheduled with the graduate faculty in Nutrition and Food Systems.
8. Applicants whose native language is not English must present a minimum TOEFL score of 550.
9. The application must be approved by the graduate faculty, the chair of the Department of Nutrition and Food Systems, and the dean of the College of Health.

NOTE: Students not meeting the requirements for regular admission may be considered for conditional admission.

Residency

Students must meet the residency requirements specified in this *Bulletin*.

Continuous Enrollment Requirement: Students must meet the requirement specified in the front section of this *Bulletin*.

Plan of Study. Students must submit their signed, official *Plan of Study Form* to the Graduate Studies Office by the end of the **second semester** they are enrolled. The *Plan of Study Forms* are available at www.edu/graduatestudies - click on "Current Students" and then the "Plans of Study" link.

Requirements for a Doctor of Philosophy in Nutrition and Food Systems

Research Tool(s). The student must demonstrate proficiency in statistical methods.

Statistics Proficiency. The statistics requirement may be met by choosing three (3) of the following courses or by approval of the student's advisory committee.

CHS 623: Biostatistics

CHS 723: Biostatistics II

REF 761: Experimental Design

REF 762: Advanced Regression Analysis

REF 824: Advanced Experimental Design

REF 830: Multivariate Analysis in Educational Research

PSY 764: Factor Analysis

Core Requirements (15 hours)

NFS 810 Food and Nutrition and Public Policy

NFS 774 Management of Nutrition Services: A Behavioral Approach

NFS 703 Research Techniques for Nutrition and Food Systems

NFS 811 Doctoral Seminar (total of 3 credit hours)

NFS 820 Theories in Nutrition and Food Systems Research

Dissertation (12 hours)

NFS 898 Dissertation

Other Coursework (27 hours)

Includes coursework from nutrition and food systems and other disciplines. Specific courses must be approved by the student's graduate committee. A minimum of six (6) hours must be taken from areas outside nutrition and food systems. A minimum of nine (9) hours must be taken from NFS courses.

School of Social Work

Timothy Rehner, Ph.D., Interim Director

Debra Ford, M.S.W., Coordinator of Field Instruction

118 College Drive #5114

Hattiesburg, MS 39406-0001

(601) 266-4163

www.usm.edu/socialwork

Bethel, Forster, Harmon, Kolbo, Lee, Osowski, Rehner, Rowley, Scurfield

Unit Description

The primary purpose of the School of Social Work is to provide professional social work education to undergraduate and graduate students. The school offers the Bachelor of Social Work (BSW) degree and the Master of Social Work (MSW) degree.

The social work profession recognizes the BSW degree as preparing students for entry-level generalist social work practice in social service agency settings. The MSW degree prepares students for advanced practice in agency settings and in private practice. The school is accredited by the Council on Social Work Education.

Interdisciplinary Minor in Gerontology

The School of Social Work participates in the interdisciplinary minor in gerontology and the graduate certificate in gerontology. Specific requirements and courses available for the minor and the certificate can be found under the Interdisciplinary Minor and Graduate Certificate in Gerontology headings in the College of Health section of this *Bulletin*.

Offerings for Non-Majors

A number of courses offered within the School of Social Work do not have prerequisites and may be excellent choices for electives by non-majors. These courses include

SWK 606 Social Justice and Social Policy

SWK 663 Consultation and Supervision

SWK 692 Special Problems (Grant Writing or Grief and Bereavement or Addictions or Social Development and Social Welfare in Jamaica)

Degree Description

Overview

The MSW program, established in 1974 and the oldest graduate social work program in the state of Mississippi, features a 30-credit-hour advanced generalist concentration that builds upon a 30-credit-hour generalist foundation. An advanced standing MSW degree program exempts qualified and admitted applicants from taking foundation courses.

Career Opportunities

Career opportunities for well-prepared master's-level social workers are extensive. Social workers provide social services to more people in Mississippi and across the United States than any other professional group. Social work professionals use a wide variety of empirically based methods to help individuals, families, groups, organizations, and communities solve a broad range of problems. Social work professionals are in demand in many human service arenas, including

Home Health and Hospice	Public Health
Child and Family Welfare	School Systems
Mental Health	Early Childhood
Substance Abuse	Youth Services
Family Violence	Armed Forces
Vocational Rehabilitation	Gerontology
Public Welfare	Hospitals
Corrections and Court Systems	Employee Assistance
	Public Policy

Field Instruction

Quality hands-on field instruction experiences (practica) are vital to graduate social work education. Students in the 60-credit-hour MSW program complete a minimum of 900 hours of field instruction. Students admitted to the advanced standing program complete a minimum of 450 hours of field instruction. Field placements are available to students in more than 130 social service agencies, located primarily in South Mississippi. While in field placement, students receive direct guidance and supervision from experienced field instructors who hold the MSW degree. Field placement courses include a required weekly seminar, and are graded on a pass/fail basis.

Special Program Requirements

Program Options. The school is offering four MSW program models at the Hattiesburg campus in academic year 2008-2009 for qualified applicants: a two-year, 60-credit-hour model, a three-year, 60-credit-hour model; a one-year, 30-credit-hour minimum advanced standing model; and an extended (four or five semester) 30-credit hour minimum advanced standing model. The three-year and extended advanced standing programs are designed primarily for employed practitioners.

In addition, the school is offering admission to a three-year, 60-credit-hour model on the Gulf Coast.

Semester of Admission. Hattiesburg applicants may be admitted in either the fall or spring semesters. Gulf Coast applicants may be admitted in the fall semester only.

Application Deadline. Applications may be submitted any time.

However, all admission requirements must be completed by March 15 to ensure application consideration for the following fall semester and by September 1 to ensure consideration for the following spring semester.

Admission Criteria

Applicants to the School of Social Work are evaluated and admitted without discrimination on the basis of age, gender, race, religion, color, creed, ethnic or national origin, disability, political, or sexual orientation.

All applicants to the MSW program are evaluated and admitted on the basis of the following criteria:

- A. a bachelor's degree from an accredited college or university
- B. a minimum of 12 semester hours of liberal arts coursework and a course in human biology
- C. the grade point average (GPA) on the last 60 hours of undergraduate coursework required by the Graduate School
- D. Graduate Record Examination (GRE) scores
- E. a written personal statement
- F. a written response to a case situation

- G. three letters of recommendation from persons qualified to assess the applicant's readiness for graduate study

Applications to the advanced standing program are evaluated on the basis of the additional criteria below:

Advanced Standing. Qualified applicants to the MSW program who hold a BSW from an accredited program, or who have completed equivalent foundation curriculum coursework at an accredited school of social work, may be exempted from up to 30 credit hours of MSW foundation coursework.

Applicants holding the BSW degree and applying for advanced standing must meet the following criteria:

- A. BSW degree from an accredited program conferred within the last five years
- B. minimum GPA of 3.0 in the last 60 hours of baccalaureate education
- C. minimum GPA of 3.5 in the undergraduate social work program overall, with a grade of B or better in all required social work courses
- D. GRE scores
- E. a passing score on a qualifying examination based on foundation curriculum content

Eligibility of an applicant for advanced standing admission based on MSW foundation coursework completed at an accredited program other than Southern Miss is determined by the following:

- A. assessment of curriculum comparability by the MSW admissions committee
- B. a grade of B or better in all courses considered toward advanced standing
- C. a recommendation of the admissions committee and approval of the director
- D. compliance with other standard criteria for admission to the MSW program
- E. a passing score on the appropriate sections of a qualifying examination based on foundation curriculum content

Grade Point Average. For applicants to either the 60-credit-hour full-time or part-time MSW programs, the GPA on the last 60 hours of undergraduate coursework must be at least 2.5. For applicants to the 30-credit-hour advanced standing program, the GPA on the last 60 hours of undergraduate coursework must be at least 3.0 and the GPA for the undergraduate social work program must be at least 3.5.

Graduate Record Examination. The GRE is required for admission. Applicants should schedule the exam so as to allow sufficient time for submission of exam scores by March 15; call 1-(800)-473-2255, or access the GRE Web site at <http://www.gre.org> for details.

Conditional Admission. The school adheres to university policies with regard to admission of graduate students on a conditional basis. The university regulations concerning conditional admission for full-time or part-time students are stated in this *Bulletin* under Admission Requirements and Procedures.

Degree Progression Requirements. First-year students in the two-year 60-credit-hour model will be enrolled in classroom courses in each semester and in concurrent field instruction (practicum) in the spring and summer semesters of the first year. In the first semester of the second year, students will take classroom courses only and in the final semester will be placed in an advanced field practicum for four days each week.

At least one classroom course will be taken during the spring semester concurrently with the advanced field practicum. All courses must be taken in accordance with a sequenced curriculum plan (see the model program below).

Students in the 30-credit-hour advanced standing model will take classroom courses only during the first semester. In the final semester, students will be placed in an advanced field practicum for four days each week. All courses must be taken in accordance with a sequenced curriculum plan (see model program below).

Three-year program students are required to take nine hours each semester during the first year. All courses must be taken in accordance with a sequenced curriculum plan (see the model program below). A minimum of 60 credit hours is required for graduation.

Students must maintain a cumulative GPA of 3.0 and must achieve a grade of Pass in each field practicum. In compliance with university requirements, students are required to pass a written comprehensive examination in order to graduate; usually the examination is completed prior to taking advanced classes, and functions to qualify students for entrance to the advanced curriculum (second half of the program). A 3.0 GPA is required to graduate.

Continuous Enrollment Requirement: Students must meet the requirement specified in the front section of this *Bulletin*.

Plan of Study. Students must submit their signed, official *Plan of Study Form* to the Graduate Studies Office by the end of the **first semester** they are enrolled. The *Plan of Study Forms* are available at www.edu/graduatestudies - click on "Current Students" and then the "Plans of Study" link.

Five-Semester Program Model

Semester I

SWK 601 Human Behavior I.....	3
SWK 605 Social Welfare Policy.....	3
SWK 608 Generalist Practice I.....	3
SWK 610 Theoretical Bases.....	3
SWK 617 Social Work Research I.....	3
	15

Semester II

SWK 602 Human Behavior II.....	3
SWK 609 Generalist Practice II.....	3
SWK 634 Social Work Practice in a Diverse Society.....	3
SWK 641 Field Education I.....	3
SWK Foundation Elective.....	3
	15

Semester III

SWK 642 Field Education II.....	3
SWK 666 Community Development and Social Planning.....	3
SWK Advanced Elective.....	3
	9

Semester IV

SWK 635 Management and Administration.....	3
SWK 653 Social Work Mental Health Assessment.....	3
SWK 674 Social Work Practice with Families.....	3
SWK 696 Social Work Practice with Groups.....	3
	12

Semester V

SWK 658 Advanced Interactive Methods.....	3
SWK 673 Field Education III.....	6
	9

Minimum Total Credit Hours: 60

Eight-Semester Program Model

Semester I

SWK 601 Human Behavior I.....	3
SWK 605 Social Welfare Policy.....	3
SWK 608 Generalist Practice I.....	3
	9

Semester II

SWK 602 Human Behavior II.....	3
SWK 609 Generalist Practice II.....	3
SWK 634 Social Work Practice in a Diverse Society.....	3
	9

Semester III

SWK 617 Social Work Research I.....	3
SWK 641 Field Education I.....	3
	6

Semester IV

SWK 610 Theoretical Bases.....	3
SWK 642 Field Education II.....	3
	6

Semester V

SWK 666 Community Development and Social Planning.....	3
SWK 674 Social Work Practice with Families.....	3
SWK 696 Social Work Practice with Groups.....	3
	9

Semester VI

SWK 635 Management and Administration.....	3
SWK Electives.....	6
	9

Semester VII	
SWK 653 Social Work Mental Health Assessment	3
SWK 673 Field Education III	3
	6
Semester VIII	
SWK 658 Advanced Interventive Methods	3
SWK 673 Field Education III	3
	6

Minimum Total Credit Hours	60

Three Semester Advanced Standing Program Model

Semester I	
SWK 635 Management and Administration	3
SWK 653 Social Work Mental Health Assessment	3
SWK 666 Community Development and Social Planning	3
SWK 674 Social Work Practice with Families	3
SWK 696 Social Work Practice with Groups	3
	15
Semester II	
SWK 658 Advanced Interventive Methods	3
SWK 673 Field Education III	6
	9
Semester III	
Electives	6
	6

Minimum Total Credit Hours:	30

Department of Speech and Hearing Sciences

Brett E. Kemker, Chair
118 College Drive #5092
Hattiesburg, MS 39406-0001
(601) 266-5216
www.usm.edu/shs

Berry, Buisson, Carlin, Cloud, Kemker, Muma, Oshrin, Schaub, Teller, Terrio

The Department of Speech and Hearing Sciences offers programs leading to the Master of Arts, the Master of Science, and the Doctor of Audiology degrees. Master's degree emphases are in two principal areas: (1) speech-language pathology, and (2) education of the deaf. The doctoral degree is in Audiology.

New graduate students are accepted by the Department of Speech and Hearing Sciences in speech-language pathology or education of the deaf for the summer and fall semesters only. Audiology accepts students in the fall only. Students must have regular admission status to register for practicum courses.

Nondegree students are not permitted to register for courses in speech and hearing sciences without permission.

Potential graduate students should refer to other sections of the *Bulletin* for information regarding admission requirements as set forth by the Graduate School. Regular admission to the master's and doctoral programs is based upon the previous academic records, submission of scores on the Graduate Record Examination, and three letters of recommendation. Letters of recommendation should be from persons qualified to assess the applicant's readiness for graduate study and should be sent to the department. The size of the graduate program is limited by accreditation standards, and admission is made on a competitive basis.

Students who do not qualify for regular admission may be admitted on a conditional basis if space allows. Conditional students may be required to take additional coursework for graduation. In addition, a speech-language pathology student whose initial admission is on a conditional or nondegree basis may register for no more than one hour of clinical practicum during any semester of the graduate program. Conditional students whose grade point average is less than 3.0 after the first nine (9) hours or on all courses taken while meeting the nine (9) hour requirement will be dropped from the program.

A major in speech-language pathology at the master's level requires a minimum of fifty-four (54) semester hours. The Master of Arts degree in Speech-Language Pathology requires a foreign language proficiency, thesis, four semester hours of clinical practicum, no less than 12 three-semester-hour courses, and the successful completion of a comprehensive examination. A 3.0 GPA is required for graduation. The master's comprehensive examination is the National Examination in Speech-Language Pathology and Audiology; the passing score for this year is 600. The Master of Science degree in Speech-Language Pathology requires four semester hours of clinical practicum, no less than 15 three-semester-hour courses, and the successful completion of a comprehensive examination.

The Doctor of Audiology degree requires nine semesters of clinical practicum, a minimum of 26 three-semester-hour courses, completion of an extern residency, successful completion of a doctoral research project, and the successful completion of the doctoral comprehensive examination. A 3.0 GPA is required for graduation.

Residency

Doctoral students must meet residency requirements in this *Bulletin*.

Continuous Enrollment Requirement: Students must meet the requirement specified in the front section of this *Bulletin*.

Plan of Study. Students must submit their signed, official *Plan of Study Form* to the Graduate Studies Office by the end of the **first semester** they are enrolled. The *Plan of Study Forms* are available at www.edu/graduatestudies - click on "Current Students" and then the "Plans of Study" link.

Master's Degree with Emphasis in Education of the Deaf

The program leading to the master's degree with an emphasis in education of the deaf is individualized to the needs of the student. Specialization in education of the deaf may be pursued in a number of areas including pre-primary, elementary (grades 1-8), secondary, secondary special subject, or a specialty area. Selection of specialization areas is governed by the candidate's background, interests, and employment objectives. A 3.0 GPA is required for graduation.

The master's degree program enables a student to qualify academically for a master's degree teaching certificate. However, some states may impose other requirements prior to an individual's obtaining compensation at the master's level. Mississippi requires a teacher to have two years of experience before being compensated at the master's degree level; thus, a person holding a master's degree but with no teaching experience must be paid at the bachelor's level until two years' experience has been obtained. The master's degree program with emphasis in education of the deaf is certified by the National Council for Accreditation of Teacher Education (NCATE). This certification is reciprocal among approximately 40 states.

Requirements differ from state to state, and it is the responsibility of the student to be aware of these differences.

Master's Degree with Emphasis in Speech-Language Pathology

The master's degree with emphasis in speech-language pathology is a clinical degree designed to meet the academic and practicum requirements for the Certificate of Clinical Competence in Speech-Language Pathology awarded by the American Speech-Language-Hearing Association. The following courses are to be taken by candidates for the master's degree in this emphasis area: SHS 513, 516, 518, 519, 601, 642, 643, 644, 646, 648, 650, 687, 694, and/or 695, 702, 712, 716, 719. A 3.0 GPA is required for graduation.

Practicum Requirements

A student in speech-language pathology or audiology must complete practicum in three different settings. Off-campus sites must be approved by the faculty adviser, and students must have a minimum grade point average of 3.0 before beginning off-campus practicum.

Doctor of Audiology Degree

The Doctor of Audiology (Au.D.) degree is a clinical doctorate designed to meet the academic and practicum requirements for the Certificate of Clinical Competence in Audiology awarded by the American Speech-Language-Hearing Association. The following courses are to be taken by candidates for the Doctor of Audiology degree: SHS 528, 601, 621, 622, 623, 625, 688, 694, 701, 703, 706, 708, 710, 718, 721, 722, 723, 724, 726, 733, 735, 736, 740, 743, 791, REF 602, and CHS 625. Additional elective courses will be determined by the adviser and the department chair. A 3.0 GPA is required for graduation.

Accreditation

The master's degree program in speech-language pathology and the doctoral program in audiology are accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association, and are recognized by the Council on Post-Secondary Accreditation and the United States Office of Education.

Admission Requirements for International Students

In addition to meeting the requirements for admission stated in this *Bulletin*, international students are required to submit a TOEFL score of 560 and submission of scores from the GRE.