

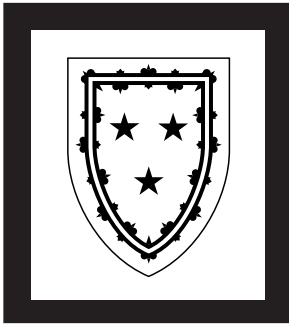
College of Health Sciences and Human Services

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College of Health Sciences and Human Services

James "Corky" Broughton, Dean
Pamela Rice, Interim Assistant Dean
107C Oakley Applied Science Building

The College of Health Sciences and Human Services is comprised of four departments: Nursing; Occupational Safety and Health; Social Work, Criminal Justice and Gerontology; and Wellness and Therapeutic Sciences. The college offers graduate degrees in nursing, occupational safety and health, exercise and leisure studies, and speech-language pathology.

The Master of Science in Nursing offers the three clinical options of nurse anesthesia, clinical nurse specialist (adult health), and family nurse practitioner. The nurse anesthetist option is a collaborative effort with Trover Foundation in Madisonville, Kentucky. A variety of regional settings are utilized to provide excellent clinical experiences for the MSN student. The MSN programs are accredited by the National League for Nursing Accrediting Commission (NLNAC) and have preliminary approval from the Commission on Collegiate Nursing Education (CCNE). The anesthesia program has full accreditation from the Council on Accreditation of Nurse Anesthesia Education Programs.

The program in occupational safety and health is unique in this region. In light of an increased sensitivity to the safety of the work environment and to the overall health of all Americans, the program is a timely response to business and industry needs. Few programs of this type are found in higher education. The M.S. in Occupational Safety and Health provides the philosophical, scientific and technical knowledge needed for professional and administrative positions in the safety field.

In the area of nutrition, dietetics and food management, students holding a bachelor's degree in dietetics may earn the Registered Dietitian (R.D.) credential. This postgraduate program requires a nine month, supervised clinical practice called the Dietetic Internship Program. The program is accredited by the American Dietetic Association. Students successfully completing the internship program and earning the R.D. credential have the option of continuing studies and earn the Master of Science in Nutrition. This degree provides graduates with additional employment opportunities in the areas of food and nutrition serving hospitals and extended-care facilities, wellness centers, professional sports nutrition organizations, school and colleges, food journalism, research, personal training, teaching and education, private consulting, foodservice management, and food sales and marketing.

The graduate program in speech-language pathology is accredited by the American Speech-Language-Hearing Association. In addition to outstanding academic experiences, the program offers practicum experiences in the university's Speech-Language and Hearing Center, in hospitals, clinics, schools, and geriatric facilities throughout the region. The program leads to Kentucky licensure in speech-language pathology, certification by the Kentucky Department of Education, and the ASHA Certificate of Clinical Competence in Speech-Language Pathology.

Department of Nursing

Interim Chair - Michael Perlow
Graduate Coordinator - Nancey France
120 Mason Hall
270-809-2193

The Department of Nursing offers the master of science in nursing degree. Master's study in nursing gives students the opportunity to acquire and expand nursing knowledge and skills needed to provide advanced practice nursing care. Three options are available: (1) clinical nurse specialist with a focus on adults; (2) nurse anesthetist; and (3) family nurse practitioner. All options are placed within a rural health theory context.

Requirements for Admission

Applicants must meet the Murray State University requirements (see Chapter 2). In addition to the general MSU application, applicants must complete an application from the Department of Nursing. This application must be turned in to the departmental office by the deadline set by the department. Requirements for unconditional and conditional admission are as follows; additional requirements are listed under each option.

Unconditional

- For unconditional admission, an applicant must have:
- baccalaureate degree in nursing from an NLNAC/CCNE-accredited institution;
 - Kentucky licensure and/or licensure to practice as a registered nurse in the state of anticipated preceptorship; advanced practice licensure required for post-baccalaureate APN option.
 - proof of liability insurance for advanced practice nursing, current immunizations, hepatitis vaccine or signed waiver, and TB testing are required before enrollment in clinical nursing courses. Submit copies to the Nursing Graduate Coordinator;
 - undergraduate cumulative grade point average of 3.0 on 4.0 scale, post-master's certificate applicants grade point average of 3.5 on a 4.0 scale;
 - for international applicants, RN licensure in Kentucky and/or licensure to practice as a registered nurse in the state of anticipated preceptorship, a TOEFL score of 550;
 - successful completion of prerequisite courses at time of application: anatomy, physiology, chemistry, health assessment, statistics, and nursing research; and
 - three favorable recommendations (submitted on a Department of Nursing form by a faculty member of applicant's BSN program, applicant's current RN supervisor, and a RN peer.);

- a successful interview by the selection committee;
- current CPR certification; current ACLS and PALS certification for NA option only;
- one-year RN experience required for FNP option; one-year RN experience in intensive care required for NA option;
- following the application deadline, the Graduate and Selection Committees will review all completed application packages and offer interviews to the most qualified applicants.

Conditional

Applicants who do not meet all of the requirements for unconditional admission will be considered on an individual basis.

Detailed information about these and other policies, such as academic honesty and confidentiality, is available from the Department of Nursing and in the MSU Student Handbook. The commission on Collegiate Nursing Education is a resource for information about this program and may be obtained from the CCNE at CCNE, NW Suite 530, Washington, DC 20036 or call 202-887-6791.

For further information write: Department of Nursing, Murray State University, 120 Mason Hall, Murray, KY 42071.

Master of Science in Nursing Degree

The purpose of the Master of Science in Nursing (MSN) degree at Murray State University is to prepare advanced practice nurses within a rural setting to the end that wellness in society may be enhanced by 1) providing advanced nursing care; 2) advancing and expanding nursing knowledge and skill through systematic investigation and experimentation; 3) assuming a nursing leadership role within the health care delivery system; and 4) acquiring a foundation for doctoral study.

Clinical Nurse Specialist Critical Care/Advanced Medical-Surgical

The Clinical Nurse Specialist (CNS) is an advanced practice nurse with a concentration in a selected area of clinical nursing. Emphasis is placed on the management, support, and coordination of the care of acutely and critically ill adult patients with episodic illness or acute exacerbation of chronic illness within the context of advanced standards of practice and professional performance. The CNS influences outcomes of client care, nursing, personnel activities, and the organizational environment. The CNS is prepared to function as an expert practitioner, educator, researcher, consultant, and leader within a variety of settings.

Post-Baccalaureate APN-MSN

The Post-Baccalaureate APN-MSN is designed to offer a Master’s degree to baccalaureate prepared advanced practice nurses. Students take core courses along with clinical courses in their specialty area.

Family Nurse Practitioner

The Family Nurse Practitioner (FNP) is an advanced practice nurse who provides primary health care services to all members of the family. Emphasis is placed on health promotion and preventive care across the life-span. The FNP is prepared to manage a wide range of acute and chronic health problems in a variety of settings.

Additional Requirement for Application

One year RN experience.

Nurse Anesthetist

The Nurse Anesthetist is an advanced practice nurse who provides nursing care specific to anesthetic requirements across the life-span in a variety of practice settings.

Additional Requirements for Application

- Minimum of one year of professional nursing experience in intensive care.
- Current ACLS and PALS certification.
- In addition to the other academic prerequisites, organic or biochemistry is required for the nurse anesthetist option.

Master of Science in Nursing

CIP 51.1601.02

ACCREDITED BY:

Commission on Collegiate Nursing Education. The nurse anesthetist option is also accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs.

CLINICAL NURSE SPECIALIST OPTION

CRITICAL CARE/ADVANCED MEDICAL-SURGICAL
Total Course Requirements..... 42 hours

Advanced Nursing Core Courses..... 12 hrs

- NUR 603 Concepts and Theories in Nursing
- NUR 605 Issues in Rural Health Care
- NUR 630 Research in Nursing
- NUR 631 Evidence-Based Clinical Practice

Clinical Core Courses 10 hrs

- NUR 641 Advanced Nursing Assessment
- NUR 642 Advanced Pharmacology
- NUR 673 Pathophysiology in Advanced Nursing Practice

Clinical Specialty..... 15 hrs

- NUR 520 Critical Care Concepts and Application
- NUR 622 Diagnosis and Management of Adult Health Problems
- NUR 623 Advanced Adult Nursing-Acute Care
- NUR 624 Advanced Adult Nursing-Chronic/Rehabilitation

Clinical Practicum 5 hrs

- NUR 650 Advanced Clinical Nurse Specialist Integration Practicum II

Substitutions for required courses can be made only with the approval of the departmental graduate coordinator and/or chair.

Other Degree Requirements

This option can be completed either full-time or part-time. If full-time, one year RN experience prior to admission is required.

POST-BACCALAUREATE APN-MSN OPTION

Total Course Requirements..... 30 hours

Advanced Nursing Core Courses..... 12 hrs

- NUR 603 Concepts and Theories in Nursing
- NUR 605 Issues in Rural Health Care
- NUR 630 Research in Nursing
- NUR 631 Evidence-Based Clinical Practice

College of Health Sciences and Human Services

Clinical Specialty..... 9 hrs
NUR 623 Advanced Adult Nursing-Acute Care
NUR 624 Advanced Adult Nursing-Chronic/Rehabilitation

Electives (as approved by advisor) 9 hrs
Substitutions for required courses can be made only with the approval of the departmental graduate coordinator and/or chair.

FAMILY NURSE PRACTITIONER OPTION

Total Course Requirements..... 44 hours

Advanced Nursing Core Courses..... 12 hrs
NUR 603 Concepts and Theories in Nursing
NUR 605 Issues in Rural Health Care
NUR 630 Research in Nursing
NUR 631 Evidence-Based Clinical Practice

Clinical Core Courses 10 hrs
NUR 641 Advanced Nursing Assessment
NUR 642 Advanced Pharmacology
NUR 673 Pathophysiology in Advanced Nursing Practice

Clinical Specialty..... 13 hrs
NUR 644 Primary Care of the Family I
NUR 645 Primary Care of the Family II

Clinical Practicum 9 hrs
NUR 654 Advanced Family Nurse Practitioner
Integration Practicum

Substitutions for required courses can be made only with the approval of the departmental graduate coordinator and/or chair.

Other Degree Requirements
This is a full-time option.

NURSE ANESTHETIST OPTION

Total Course Requirements..... 61 hours

Advanced Nursing Core Courses..... 19 hrs
NUR 603 Concepts and Theories in Nursing
NUR 605 Issues in Rural Health Care
NUR 630 Research in Nursing
NUR 631 Evidence-Based Clinical Practice
NUR 641 Advanced Nursing Assessment
NUR 673 Pathophysiology in Advanced Nursing Practice

Clinical Specialty..... 27 hrs
NUR 606 Scientific Foundations in Anesthesia I
NUR 607 Scientific Foundations in Anesthesia II
NUR 608 Scientific Foundations in Anesthesia III
NUR 609 Scientific Foundations in Anesthesia IV
NUR 632 Principles of Anesthesia Practice I
NUR 633 Principles of Anesthesia Practice II
NUR 634 Principles of Anesthesia Practice III
NUR 635 Principles of Anesthesia Practice IV

Clinical Practicum 9 hrs
NUR 651 Clinical Practicum I
NUR 652 Clinical Practicum II
NUR 653 Clinical Practicum III

Other Required Courses..... 6 hrs
NUR 655 Seminar in Nurse Anesthesia I
NUR 656 Seminar in Nurse Anesthesia II

Substitutions for required courses can be made only with the approval of the departmental graduate coordinator and/or chair.

Other Degree Requirements
This is a full-time option.

Post-Master's Certificates

The Post-Master's certificate is designed for those registered nurses who already have earned the Master of Science in Nursing degree and now pursue a change in specialty. All prerequisites and clinical experience remain the same as for the Master of Science in Nursing degree.

CERTIFICATE:

Clinical Nurse Specialist Post-Master's

Total Course Requirements..... 28 hours

NUR 520 Critical Care Concepts and Application
NUR 622 Diagnosis and Management of Adult Health Problems
NUR 623 Advanced Adult Nursing-Acute Care
NUR 624 Advanced Adult Nursing-Chronic/Rehabilitation
NUR 641 Advanced Nursing Assessment¹
NUR 642 Advanced Pharmacology¹
NUR 650 Advanced Clinical Nurse Specialist Integration Practicum II
NUR 673 Pathophysiology in Advanced Nursing Practice¹

¹These courses may be transferred to Murray State if taken within the last five years and are at the graduate level.

CERTIFICATE:

Family Nurse Practitioner Post-Master's

Total Course Requirements..... 32 hours

NUR 641 Advanced Nursing Assessment¹
NUR 642 Advanced Pharmacology¹
NUR 644 Primary Care of the Family I
NUR 645 Primary Care of the Family II
NUR 654 Advanced Family Nurse Practitioner Integration Practicum
NUR 673 Pathophysiology in Advanced Nursing Practice¹

¹These courses may be transferred to Murray State if taken within the last five years and are at the graduate level.

CERTIFICATE:

Nurse Anesthesia Post-Master's

Total Course Requirements..... 49 hours

NUR 606 Scientific Foundations in Anesthesia I
NUR 607 Scientific Foundations in Anesthesia II
NUR 608 Scientific Foundations in Anesthesia III
NUR 609 Scientific Foundations in Anesthesia IV
NUR 632 Principles of Anesthesia Practice I
NUR 633 Principles of Anesthesia Practice II
NUR 634 Principles of Anesthesia Practice III
NUR 635 Principles of Anesthesia Practice IV
NUR 641 Advanced Nursing Assessment¹
NUR 651 Clinical Practicum I
NUR 652 Clinical Practicum II
NUR 653 Clinical Practicum III
NUR 655 Seminar in Nurse Anesthesia I

NUR 656 Seminar in Nurse Anesthesia II
 NUR 673 Pathophysiology in Advanced Nursing Practice¹

¹These courses may be transferred to Murray State if taken within the last five years and are at the graduate level.

Department of Occupational Safety and Health

Chair - David G. Kraemer
 Graduate Coordinator - Bassam H. Atieh
 157 Industry and Technology Center
 270-809-2488

The graduate program in occupational safety and health is designed to prepare students to become skilled and demonstrate knowledge in an occupational safety and health option of environmental health and safety, industrial hygiene, or safety management. Persons pursuing this degree must have a B.S. in occupational safety and health, or a related field, and/or complete a 21-credit core of undergraduate work.

Requirements for Admission

Applicants must meet the Murray State University requirements (see Chapter 2). Additional requirements for unconditional and conditional admission are as follows.

Unconditional

- Baccalaureate degree in occupational safety and health or a closely related field.
- At least a 3.0 undergraduate grade point average.

Conditional

Recommendation of the graduate advisory committee and completion of the courses listed below under the *Prerequisite Undergraduate Requirements*. Upon recommendation of the advisor, prerequisite undergraduate requirements may be taken while enrolled for graduate credit.

Prerequisite Undergraduate Requirements 21 hours

- OSH 192 Introduction to Occupational Safety and Health
- OSH 287 OSHA Standards for General Industry and Construction
- OSH 320 Environmental and Occupational Health Engineering Technology
- OSH 353 Prevention of Musculoskeletal Disorders in the Workplace
- OSH 420 Industrial Hygiene I
- OSH 452 Systems Approach to Hazard Control

-and-

One of the following option-specific courses:

Environmental

- OSH 311 Hazardous Materials and Emergency Planning

Safety Management

- OSH 384 Construction Safety

Industrial Hygiene

- OSH 425 Physical Agents

Master of Science in Occupational Safety and Health

CIP 15.0701

PROGRAM ACCREDITED BY:

The Applied Science Accreditation Commission of the Accreditation Board for Engineering and Technology (ASAC/ABET).

Within departmental guidelines, the individual student's program is developed in consultation with advisor.

THESIS TRACK

Total Course Requirements.....30 hours

Technical Requirements¹12 hrs

Choose four from the following:

- OSH 523 Occupational Diseases
- OSH 536 Motor Fleet Safety
- OSH 545 Loss Control Measurement and Management
- OSH 546 Fundamentals of Risk Control
- OSH 550 Safety and Health Program Management and Training
- OSH 591 Engineering and Technical Aspects of Safety
- OSH 621 Industrial Hygiene II
- OSH 626 Industrial Hygiene Sampling Strategies
- OSH 637 Biostatistics and Probability
- OSH 655 Legal Aspects of Safety and Health
- OSH 656 Ergonomics and Biomechanics
- OSH 658 Introduction to Occupational Epidemiology
- OSH 670 Internship in Safety and Health
(or approved elective with prior safety internship or equivalent)
- OSH 680 Graduate Seminar in Occupational Safety and Health

Thesis 6 hrs

- OSH 698-699 Thesis

¹Technical requirements courses are selected based on the student's program option and must be approved by the graduate program advisor.

NON-THESIS TRACK

Total Course Requirements..... 30 hours

Same as above with the following substitution for thesis:

- OSH 591 Engineering and Technical Aspects of Safety
- OSH 670 Internship in Safety and Health
(or approved elective with prior safety internship or equivalent)

All students (Thesis or Non-Thesis) must also complete 12 credit hours by selecting one of the following three options. Substitutions within these options can be made only with the approval of the advisor.

Safety Management Option 12 hrs

- OSH 650 Occupational Safety and Health Organizational Leadership and Management
- OSH 654 Philosophy of Safety and Health
- OSH 655 Legal Aspects of Safety and Health
- OSH 657 Current Literature and Research in Safety and Health

College of Health Sciences and Human Services

Industrial Hygiene Option 12 hrs

OSH 527	Air Contaminants and Industrial Ventilation
OSH 621	Industrial Hygiene II
OSH 622	Toxicology of Industrial Materials
OSH 663	Applied Workplace Ergonomics

Environmental Option..... 12 hrs

OSH 527	Air Contaminants and Industrial Ventilation
OSH 687	Wastewater Treatment
OSH 689	Solid and Hazardous Waste Treatment
OSH 697	Research in Environmental Health and Safety

-or-

An approved higher-level course in environmental science

Other Degree Requirements

- Comprehensive examination (Non-thesis track).
- Oral defense of thesis (Thesis track).
- 12 hours of 600-level courses excluding thesis (Thesis track).
- 15 hours of 600-level courses excluding practicum and internship credits (Non-thesis track).

Department of Wellness and Therapeutic Sciences

Interim Chair - Pearl Payne
Graduate Coordinators:
Nutrition - Jeff Frame
Speech Pathology - Pearl Payne
108 Carr Health Building
270-809-6124

The Department of Wellness and Therapeutic Sciences offer a Master of Science in Nutrition and a Master of Science in Speech-Language Pathology.

The Master of Science (M.S.) in Nutrition is a 35-credit-hour program which enables graduates of the Registered Dietitian (R.D.) certification program to pursue additional higher education in the areas of professional counseling, education, science, statistics, psychology, management, and nutrition research. The M.S. in Nutrition prepares students to effectively compete in a growing job market in which 5 of 10 dietitians nationally hold master's degrees. Advances in nutrition and genetic research, aging demographics, and accelerating rates of nutrition-related diseases such as obesity and diabetes fuel the demand for highly trained nutrition professionals.

The Division of Communication Disorders offers a wide variety of academic and practicum experiences. The speech-language pathology program has been accredited by the National Council for Accreditation of Teacher Education (NCATE) and American Speech-Language-Hearing Association (ASHA).

Master of Science in Exercise and Leisure Studies

CIP 31.0505

This program has been suspended and no new students are being admitted. For current program information, contact the chair of the department.

Master of Science in Nutrition

CIP 19.0501

ACCREDITED BY:

The American Dietetic Association and eligibility by the Commission on Accreditation of Dietetics Education.

Requirements for Admission

Applicants must meet the Murray State University requirements (see Chapter 2). Additional requirements for unconditional admission are as follows.

- Applicants must complete the Murray State University Dietetic Internship Program or other American Dietetic Association accredited program. Students must successfully complete program, earning a grade of *B* or better in all program sections.
- Students must pass the Registered Dietitian National Registration Examination administered by the American Dietetic Association prior to admission to the program.

NON-THESIS TRACK ONLY

Total Course Requirements.....35 hours

NTN 640	Dietetics Clinical Training Primer
NTN 641	Nutrition Therapy I
NTN 642	Foodservice Management
NTN 643	Community Nutrition
NTN 650	Dietetics Clinical Training Program Primer II
NTN 651	Nutrition Therapy II
NTN 652	Business/Entrepreneur
NTN 653	Culminating Experience
NTN 656	Nutrition Research Literature Review
NTN 660	Research Project in Nutrition I
NTN 661	Research Project in Nutrition II
PSY 545	Behavior Modification
PSY 591	Statistics
Approved Elective (1-4 hrs)	

Other Degree Requirements

- Successful completion of a comprehensive research project.

CERTIFICATE:

Nutrition Registered Dietitian (R.D.)

ACCREDITED BY:

The American Dietetic Association and eligibility by the Commission on Accreditation of Dietetics Education.

Total Course Requirements..... 18 hours

NTN 640	Dietetics Clinical Training Primer
NTN 641	Nutrition Therapy I
NTN 642	Foodservice Management
NTN 643	Community Nutrition
NTN 650	Dietetics Clinical Training Program Primer II
NTN 651	Nutrition Therapy II
NTN 652	Business/Entrepreneur
NTN 653	Culminating Experience

**Master of Science in
Speech-Language Pathology**

CIP 51.0204

ACCREDITED BY:

American Speech-Language-Hearing Association; National Council for Accreditation of Teacher Education (NCATE)

Requirements for Admission

Applicants must meet the Murray State University requirements (see Chapter 2). Additional requirements for unconditional admission are as follows.

- Complete application for admission to Murray State University Graduate School by deadline;
- Complete application to the Communication Disorders program by the deadline issued by the Communication Disorders program;
- A baccalaureate degree in communication disorders or equivalent from a regionally accredited institution;
- At least a 3.0 undergraduate grade point average.
- Combined score of 800 or above on verbal and quantitative portions of the Graduate Record Examination.
- Successful completion of the following prerequisite courses (or their equivalents) at time of application.

- CDI 215 Clinical Phonetics
- CDI 310 Anatomy and Physiology
- CDI 315 Speech Science
- CDI 325 Pediatric Speech Disorders I
- CDI 340 Speech and Language Development
- CDI 345 Pediatric Language Disorders I
- CDI 405 Audiology
- CDI 451 Aural Rehabilitation
- CDI 465 Neuroanatomy and Physiology for the Speech-Language Pathologist
- CDI 470 Pediatric Speech Disorders II
- CDI 472 Pediatric Language Disorders II

Additional course work completed prior to graduate study must be approved by the graduate coordinator in order to be used for certification and/or licensure requirements.

One or more of the courses from the following group may also be required to meet certification and/or graduate degree requirements.

- CDI 482 Augmentative-Alternative Communication
- or-**
- CDI 582 Communication Programming for
Individuals with Severe Disabilities
- CDI 550 Neuromuscular Disorders

THESIS TRACK

Total Course Requirements..... 57-60 hours

- CDI 615 Instrumental Methods for SLPs
- CDI 620 Phonological Disorders
- CDI 624 Disorders of Voice
- CDI 625 Fluency Disorders
- CDI 646 Research Methods for Speech-Language Pathologists
- CDI 648 Advanced Language Disorders
- CDI 656 Advanced Audiology
- CDI 660 Motor Speech Disorders
- CDI 670 Practicum Seminar

- CDI 674 Practicum
- CDI 680 Adult Neurogenic Communication Disorders
- CDI 686 Swallowing Disorders
- CDI 694 Advanced Clinical Practicum
- CDI 698 Thesis
- CDI 699 Thesis

Optional Approved Elective

Professional Semester:

- CDI 601 Seminar in Current Trends and Issues
and two of the following:
- CDI 621 Student Teaching in Speech-Language Pathology¹
- CDI 640 Individualized School Placement
- CDI 676 Medical/Clinical Placement

Under unusual circumstances, the graduate advisor may substitute CDI 695 or appropriate related coursework for a required course.

Other Degree Requirements

- 375 clock hours clinical practicum, one of CAA's certification requirements.
- Oral defense and examination of the thesis.

NON-THESIS TRACK

Total Course Requirements..... 57-60 hours

Same as above with the following substitution for thesis:

- CDI 684 Cranio-Facial Anomalies

Other Degree Requirements

- 375 clock hours clinical practicum, one of CAA's certification requirements.
- Written comprehensive examination.

¹For Kentucky teacher certification, student must be admitted to the teacher education program in the College of Education. Additional coursework may be required.

