



School of Nursing and Health Professions

Marcia Hobbs, Dean
121 Mason Hall
270-809-2193

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UNITS

Applied Health Sciences	356	Nursing	369
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PROGRAMS

UNDERGRADUATE

Baccalaureate
 Athletic Training
 Exercise Science
 Health Information Administration
 Nursing
 Nursing/RN to BSN
 Nutrition, Dietetics and Food Management
 Public and Community Health

GRADUATE

Master's
 Nursing
 Nutrition

Doctorate
 Nursing Practice

Certificate
 Registered Dietian (R.D.)

School of Nursing and Health Professions

The School of Nursing and Health Professions offers undergraduate, master's and doctorate degrees in nursing as well as other health professions offered through the Department of Applied Health Sciences.

Department of Applied Health Sciences

408B Applied Science Building
270-809-5742

Chair: Michael Kalinski. **Faculty:** Broughton, Crouch, Dodd, Erdmann, Jagers, Rice, Stanczyk, Yates

The Department of Applied Health Sciences offers the following programs dealing with health promotion, pre-health professional, clinical practice, and rehabilitation sciences.

A bachelor of science degree is offered in athletic training. This program prepares students to become certified athletic trainers and is accredited by the Commission on Accreditation of Athletic Training Education.

A bachelor of science degree is offered in public and community health. Public and Community Health educators work in a variety of settings including hospitals, non-profit organizations, government, private business; as well as medical clinics and health departments. The area in Public and Community Health provides an opportunity for students who have an interest in health related disciplines to pursue a viable career in the field.

A bachelor of science degree is offered in exercise science with two tracks available: pre-health professional and wellness. This program prepares students for employment in health-related fields, graduate programs or to take national certification exams through the American College of Sport Medicine, the National Strength and Conditioning Association, or other recognized entities in related fields.

A bachelor of science degree is offered in nutrition, dietetics and food management with tracks in dietetics, food management, or nutrition and foods. The graduate Dietetics Internship Program prepares students to become Registered Dietitians (R.D.). These graduate internship hours may be applied to completion of the Master of Science in Nutrition.

Accreditations

The following degree programs hold national accreditations: B.S. in Athletic Training (Commission on Accreditation of Athletic Training Education); both the undergraduate dietetics and graduate Registered Dietitian Certificate (Accreditation Council for Education in Nutrition and Dietetics); B.S. in Exercise Science through the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

Athletic Training

An athletic trainer is a health care professional whose services comprise prevention, emergency care, clinical diagnosis, therapeutic intervention, and rehabilitation of injuries and medical conditions. In cooperation with physicians and other health care personnel, the athletic trainer functions as an integral member of the health care team in settings such as secondary schools, colleges and universities, professional sports programs, and sport medicine clinics.

Athletic Training Requirements for Admission

A considerable time commitment is required to successfully complete all the requirements in the Athletic Training Program (AT Program). Students are selected using a competitive admission process due to limited space availability at the clinical sites. To be considered for admission into the AT Program, students must achieve and maintain a cumulative GPA of 2.5 on a 4.0 scale, pass at least 30 semester hours of college credit, complete at least 30 observation hours and/or pass EXS 270, meet the Technical Standards (see AT Program website), and apply by the deadline (by the first Friday in November or the first Friday of the spring semester). The AT Program Admission Committee reviews the following materials for admission: application, candidate interview, overall college GPA, ACT/SAT scores, prior experience, certifications/professional memberships, performance reviews during their observation hours and/or EXS 270, college courses completed, and three letters of recommendation. Only those candidates admitted into the AT Program who have successfully completed an approved CPR/First Aid course may take the clinical experience courses (EXS 271, 371, 372). Students may transfer into the program based on their credentials, courses completed at another institution, space availability, and permission from the AT Program Director. Department approval is required to transfer in EXS 295, 296, 301, 304, 305, 320, 390, 402, 403, 420, 421, and 471 from other institutions.

With the exception of first-semester freshmen, all students must have a cumulative GPA of 2.0 and have completed all developmental courses prior to declaring athletic training as an area. Students must earn a grade of *B* or better in EXS 271, 371, and 372; additionally, a grade of *C* or better is required in the other Athletic Training Core Courses. Students with a grade below a *C* in EXS 301 or 304 may not continue with the AT Program progression and must retake the course the next semester offered. Students must achieve a cumulative GPA of 2.5 or higher prior to enrolling in EXS 320, 390, 402, 403, 420, 421, and 471. If the student's cumulative GPA drops below the required 2.5, the student will be placed on AT program academic probation. Students should refer to the current AT program's GPA policy (see AT program web site) for further explanation. Students have up to three opportunities to meet the grade requirement in a course. If on the third attempt, the student is still unable to meet the grade requirement, the course cannot be repeated again and the student can no longer progress through the AT program.

Students must maintain confidentiality at the clinical site(s), show respect for faculty, staff, and patients at all times, and demonstrate adequate performance of the Essential Skills (see AT Program web site) to be admitted and retained in the AT Program. All students must meet the Technical Standards established to assure the health and safety of the candidate, other athletic training students, faculty, staff, and patients. All candidates are required to complete a physical exam upon acceptance into the AT Program and provide proof of proper immunizations, including the Hepatitis B vaccination (HBV) or a signed HBV waiver.

Athletic training students must purchase and consistently maintain professional liability insurance to a level of no less than \$1,000,000/incident, \$3,000,000 aggregate before participating in any clinical experience course. Students must purchase proper attire to be worn at the clinical sites, pay for annual trainings and/or certifications, provide their own transportation to their clinical experience sites, and be responsible for any other costs (see AT Program website).

Any student who, after reasonable accommodations, cannot perform the Essential Skills may not be permitted to continue in the AT Program. It is the student's responsibility to notify the Executive Director, Office of Institutional Diversity, Equity and Access, Murray State University, to request a reasonable accommodation. All requests for accommodation must be accompanied by appropriate documentation from a qualified professional referencing the condition and specific need for the accommodation requested.

Students who are not native speakers of English must demonstrate competence in written and spoken English. This can be accomplished by submitting a satisfactory score on either the TOEFL or IELTS, taken no earlier than two years prior to the date of application. The AT Program requires a minimum score of 79 on the internet-based TOEFL (iBT) with no band less than 19. An overall score of 6.5 is required on the IELTS with no band less than 6.0. The TOEFL or IELTS score must be submitted before application to the AT Program.

AREA: Athletic Training

**Bachelor of Science Degree
CIP 51.0913**

ACCREDITED BY:

Commission on Accreditation of Athletic Training Education (CAATE)

University Studies Requirements 42 hrs
(See *Academic Degrees and Programs.*)

University Studies selections must include:

•Scientific Inquiry, Methodologies, and Quantitative Skills

BIO 101 Biological Concepts

or

BIO 221 Zoology: Animal Form and Function

CHE 111 Essentials of Chemistry and Biochemistry

or

CHE 201 General College Chemistry

MAT 140 College Algebra (or higher math)

•Social and Self-Awareness and Responsible Citizenship

PHI 202 Ethics

PSY 180 General Psychology

•University Studies Electives

CSC 125 Internet and Web Page Design

or

CSC 199 Introduction to Information Technology

MAT 135 Introduction to Probability and Statistics

Core Courses 79 hrs

BIO 227 Human Anatomy

BIO 228 Human Anatomy Laboratory

BIO 229 Human Physiology

BIO 230 Human Physiology Laboratory

EXS 100T Transitions

EXS 101 Concepts and Careers in Exercise Science and Athletic Training

EXS 271 Clinical Experience: Introduction¹

EXS 295 Acute Care of the Physically Active

EXS 296 Acute Care of the Physically Active Laboratory

EXS 301 Care and Prevention of Injuries²

EXS 304 Evidence-based Practice in Musculoskeletal Evaluation²

EXS 305 Bracing, Splinting and Taping

EXS 320 Evaluation of Non-Orthopedic Conditions

EXS 333 Theory and Techniques in Strength and Conditioning

EXS 350 Exercise Physiology

EXS 353 Exercise Prescription

EXS 370 Kinesiology

EXS 371 Clinical Experience: Application^{1,3}

EXS 372 Clinical Experience: Integration^{1,3}

EXS 375 Biomechanics in Sport and Exercise

EXS 380 Sport Medicine Pharmacology

EXS 385 Sport and Exercise Psychology

EXS 390 Therapeutic Modalities

EXS	400	Research Design and Statistics for Allied Health
EXS	402	Evaluation of the Lower Extremity
EXS	403	Evaluation of the Upper Extremity
EXS	420	Rehabilitation Techniques
EXS	421	Rehabilitation Techniques Lab
EXS	447	Senior Seminar in Athletic Training
EXS	471	Administration in Exercise Science
NTN	230	Nutrition

Total Curriculum Requirements 121 hrs

¹Students must obtain a grade of *B* or better.

²Students must obtain a grade of *C* or better to progress in the AT Program sequence of courses.

³Students must complete a total of 12 hours from EXS 371 and 372, but no more than nine hours from each.

Exercise Science

The Area in Exercise Science (EXS) is accredited through the Commission on Accreditation of Allied Health Education Programs (CAAHEP). Accreditation through CAAHEP ensures that the program meets specific standards and provides a quality educational opportunity that delivers the knowledge, skills and abilities required of exercise science professions.

The EXS program is divided into two tracks (Pre-Health Professional and Wellness) with choices in each track designed to meet the varied interests of students. Exercise Science professionals often collaborate with other health care professionals to provide clients with information designed to manage and/or prevent health issues. Students who are passionate about working with people interested in developing healthier lifestyles through a combination of educational programs and exercise should consider the Wellness track. Students who choose the Wellness track complete the core course requirements and then choose from restricted electives based on their intended career path. Graduates may choose to work independently as a business owner or with other health care professionals in a variety of settings, including hospital wellness centers, cardiac rehabilitation, corporate fitness programs, private industry, and other wellness-related facilities. Graduates may also consider pursuing a graduate degree in related fields.

Health care professionals are in high demand nationwide. Students choosing to pursue graduate programs in occupational therapy, physical therapy, physician assistant, or other health-related fields should consider the Pre-Health Professional track. The Pre-Health Professional track allows the student to complete the EXS core course requirements and the prerequisite coursework required for their intended graduate program. Students should note that completing MSU's EXS Pre-Health Professional Track does not guarantee acceptance to graduate programs. Acceptance into graduate programs is challenging and highly competitive. Successful applicants demonstrate a competitive academic history, have knowledge of the profession, and are motivated to succeed. Considering these high standards necessary for graduate programs and MSU's interest in each student's career success, criteria have been established that must be met prior to taking specific upper-level EXS courses. Students who do not meet these requirements are encouraged to evaluate their career choice so the remaining coursework can be tailored to prepare them for the workforce or other graduate programs at the time of graduation from MSU.

The EXS Pre-Health Professional program's flexible design provides the opportunity for students, with advisor guidance, to tailor their coursework to meet specific demands that graduate programs require for admittance. Requirements necessary for acceptance to graduate programs differ depending on the field of study and the particular graduate program. Students are strongly encouraged to explore potential graduate programs or career options and narrow their areas of interest early in their undergraduate program. This will assist the student, under the guidance of their academic advisor, in developing an academic plan of action. Although academic advisors will be assisting students, it is the responsibility of the student to ensure all prerequisite coursework required for a specific graduate program has been completed.

With the exception of first semester freshman, all students must have a cumulative grade point average (GPA) of 2.0 and have completed all developmental courses prior to declaring exercise science as an area. Students must earn a *C* or better in all EXS core and track-specific courses. A cumulative GPA of 2.5 for students pursuing the Wellness track and a 3.0 for students pursuing the Pre-Health Professional track is required prior to enrollment in most senior-level courses. The 2.5 (or 3.0 depending on the program) GPA must be maintained to graduate.

Prior to graduating with an EXS degree, all EXS students are required to take a comprehensive exam over material covered in core EXS classes. Students must earn at least a 75% on the exam to graduate with an EXS degree. The exam is offered on select dates, and is taken by seniors after all core classes are completed.

Pre-Health Professional Track

Prior to taking EXS 304, 320, 390, 402, 403, 420, 421 and/or 435, students must have

- earned a grade of *C* or better in all EXS core and track-specific courses,
- completed at least one of the following with a grade of *C* or better: CHE 111, CHE 201, PHY 130, and PHY 131
- earned a minimum 3.0 cumulative grade point average. The 3.0 GPA must be maintained to graduate.

Wellness Track

Prior to taking EXS 415, 433, 445, 446, 465, 469, and 470, students must have

- earned a grade of *C* or better in all EXS core and track-specific courses,
- earned a minimum 2.5 cumulative grade point average. The 2.5 GPA must be maintained to graduate.

Any EXS student that is not adequately progressing through the program and/or has not met program requirements are held to the following:

- If a student earns below a *C*, the course must be retaken the next opportunity it is offered. If the course is not offered the next semester (or circumstances do not permit), but the student meets the cumulative GPA requirements, they will be allowed to progress in other courses.
- If on the third attempt, the student is still unable to earn a *C* or better, the course cannot be repeated again for the EXS program and the student can no longer progress through the EXS program.

**AREA:
Exercise Science/Pre-Health Professional Track**

Bachelor of Science Degree
CIP 31.0505

University Studies Requirements 43 hrs
(See *Academic Degrees and Programs.*)

University Studies selections must include:

•Scientific Inquiry, Methodologies, and Quantitative Skills

BIO 101 Biological Concepts

or

BIO 216 Biological Inquiry and Analysis

or

BIO 221 Zoology: Animal Form and Function

CHE 111 Essentials of Chemistry and Biochemistry

or

CHE 201 General College Chemistry

MAT 150 Algebra and Trigonometry (or higher math)

•Social and Self-Awareness and Responsible Citizenship

PHI 202 Ethics

PSY 180 General Psychology

•University Studies Electives

CSC 125 Internet and Web Page Design

or

CSC 199 Introduction to Information Technology

MAT 135 Introduction to Probability and Statistics

Core Courses 51 hrs

BIO 227 Human Anatomy

BIO 228 Human Anatomy Laboratory

BIO 229 Human Physiology

BIO 230 Human Physiology Laboratory

EXS 100T Transitions

EXS 101 Concepts and Careers in Exercise Science and Athletic Training

EXS 275 Group Fitness Instruction

EXS 295 Acute Care of the Physically Active

EXS 301 Care and Prevention of Injuries

EXS 333 Theory/Techniques in Strength and Conditioning

EXS 350 Exercise Physiology

EXS 351 Exercise Physiology Laboratory

EXS 353 Exercise Prescription

EXS 354 Exercise Prescription Laboratory

EXS 370 Kinesiology

EXS 375 Biomechanics in Sport and Exercise

EXS 385 Sport and Exercise Psychology

EXS 415 Exercise Concepts in Special Populations

EXS 445 Senior Seminar I

EXS 469 Professional Experience I

EXS 471 Administration in Exercise Science

NTN 230 Nutrition

Restricted Electives 26 hrs

Students must take at least 26 hours from the following courses. Ten of the 26 hours must be 300-level or above to meet graduation requirements. Selected from the following based on requirements of intended graduate program(s).

BIO 120 Scientific Etymology

BIO 220 Clinical Terminology

BIO 300 Introductory Microbiology

CHE 202 General Chemistry and Qualitative Analysis

CHE 312 Organic Chemistry I

EXS 296 Acute Care of the Physically Active Laboratory

EXS 304 Evidence-based Practice in Musculoskeletal Evaluation

EXS 320 Evaluation of Non-Orthopedic Conditions

EXS 380 Sport Medicine Pharmacology

EXS 390 Therapeutic Modalities

- EXS 400 Research Design and Statistics for Allied Health
- EXS 402 Evaluation of the Lower Extremity
- EXS 403 Evaluation of the Upper Extremity
- EXS 420 Rehabilitation Techniques
- EXS 421 Rehabilitation Techniques Lab
- EXS 435 Neurological Anatomy and Physiology for Applied Health Sciences
- PHY 130 General Physics I
- PHY 131 General Physics I Laboratory
- PHY 132 General Physics II
- PHY 133 General Physics II Laboratory
- PSY 260 Lifespan Development
- PSY 407 Abnormal Psychology
- SOC 133 Introduction to Sociology
- Career Elective (advisor approved)

Total Curriculum Requirements 120 hrs

**AREA:
Exercise Science/Wellness Track**

**Bachelor of Science Degree
CIP 31.0505**

University Studies Requirements 42 hrs
(See *Academic Degrees and Programs.*)

University Studies selections must include:

•Scientific Inquiry, Methodologies, and Quantitative Skills

- BIO 101 Biological Concepts
or
- BIO 221 Zoology: Animal Form and Function
- CHE 111 Introductory Chemistry
or
- CHE 201 General College Chemistry
- MAT 140 College Algebra (or higher math)

•Social and Self-Awareness and Responsible Citizenship

- PHI 202 Ethics
- PSY 180 General Psychology

•University Studies Electives

- CSC 125 Internet and Web Page Design
or
- CSC 199 Introduction to Information Technology
- MAT 135 Introduction to Probability and Statistics

Core Courses 51 hrs

- BIO 227 Human Anatomy
- BIO 228 Human Anatomy Laboratory
- BIO 229 Human Physiology
- BIO 230 Human Physiology Laboratory
- EXS 100T Transitions
- EXS 101 Concepts and Careers in Exercise Science and Athletic Training
- EXS 275 Group Fitness Instruction
- EXS 295 Acute Care of the Physically Active
- EXS 301 Care and Prevention of Injuries
or
- EXS 302 Essential Prevention and Management of Injuries
- EXS 333 Theory/Techniques in Strength and Conditioning
- EXS 350 Exercise Physiology
- EXS 351 Exercise Physiology Laboratory
- EXS 353 Exercise Prescription
- EXS 354 Exercise Prescription Laboratory
- EXS 370 Kinesiology
- EXS 375 Biomechanics in Sport and Exercise
- EXS 385 Sport and Exercise Psychology
- EXS 415 Exercise Concepts in Special Populations

- EXS 445 Senior Seminar I
- EXS 469 Professional Experience I
- EXS 471 Administration in Exercise Science
- NTN 230 Nutrition

Restricted Electives..... 27 hrs

Students must take at least 27 hours from the list. Ten of the 27 hours must be 300-level or above to meet graduation requirements. If the student elects to complete an approved minor, the minor hours plus an additional 1-6 hours from the restricted electives may be required to meet the 120 hour requirement for graduation.

- EXS 356 Health Promotion Programming
- EXS 380 Sport Medicine Pharmacology
- EXS 400 Research Design and Statistics for Allied Health
- EXS 433 Advanced Practices in Strength and Conditioning
- EXS 446 Senior Seminar II
- EXS 465 Advanced Exercise Physiology
- EXS 470 Professional Experience II
- GCM 151 Introduction to Graphic Communications
or
- GCM 153 Electronic Imaging
- HEA 210 Health Behavior
- HEA 311 Epidemiology
- HEA 415 Communication Techniques for Health Care Providers
- LST 240 The Legal Environment in Business
- MGT 350 Fundamentals of Management
- MGT 358 Entrepreneurial Business Plan Development
- MGT 370 Sports Business
- MKT 360 Principles of Marketing
- NLS 502 Financial Resource Management and Development
- NTN 333 Nutrition Throughout the Life Cycle
- Advisor-approved career elective

Total Curriculum Requirements 120 hrs

Health Information Administration

The Health Information Administration (HIA) program will prepare students for employment in the healthcare field. HIA professionals play a role in maintaining, collecting, interpreting, analyzing, and protecting data those health care providers rely on the deliver quality care. They provide expertise in coding and classification systems, management of patient health information, and administration of computer information systems. Graduates will interact with clinical, financial, administrative, information technology, and legal staff to interpret data for patient care, research, and statistical reporting, planning and database content development.

Murray State HIA program graduates will be qualified to take the national registration exam to earn professional recognition as a Registered Health Information Administrator (RHIA). RHIA is a credential that will assist graduates seeking employment in the healthcare field.

**AREA:
Health Information Administration**

**Bachelor of Science Degree
CIP 51.0706**

University Studies Requirements 40 hrs
(See *Academic Degrees and Programs.*)

- University Studies selections must include:
- Scientific Inquiry, Methodologies, and Quantitative Skills**
 - BIO 101 Biological Concepts
 - CHE 105 Introductory Chemistry
 - MAT 140 College Algebra (or higher math)
 - Social and Self-Awareness and Responsible Citizenship**
 - PHI 202 Ethics
 - PSY 180 General Psychology
 - University Studies Electives**
 - CSC 199 Introduction to Information Technology

Core Courses 49 hrs

- ACC 200 Principles of Financial Accounting
- ACC 201 Principles of Managerial Accounting

- BIO 120 Scientific Etymology
- BIO 220 Clinical Terminology
- BIO 227 Human Anatomy Lecture
- BIO 228 Human Anatomy Laboratory
- BIO 229 Human Physiology
- CIS 407 Advanced Database Management Systems
- CSC 101 Introduction to Problem Solving Using Computers
- EXS 400 Research Design and Statistics for Allied Health
- HCA 405 Hospital and Health Services Administration
- HEA 100T Transitions
- HIA 301 Overview of the Healthcare Delivery System
- HIA 302 Legal Aspects of Health Information Administration
- HIA 303 Healthcare Coding and Classification
- HIA 401 Healthcare Quality Management
- HIA 499 Capstone Course in Healthcare Information Administration
- MGT 350 Fundamentals of Management
- TSM 133 Telecommunications Technology and Methods

Emphasis..... 27-28 hours

Choose one of the following emphasis areas:

Electronic Health Records

- BIO 522 Pathophysiology
- CIS 317 Principles of Information Systems Analysis and Design
- CIS 407 Advanced Database Management Systems
- CSC 310 Database Administration
- HIA 402 Medical Coding and Reimbursement Systems
- TSM 232 Operating Systems
- TSM 241 Networking Fundamentals
- TSM 351 Principles of Information Security
- Elective (3 hrs)

Healthcare Data Security/Privacy

- CSC 310 Database Administration
- TSM 232 Operating Systems
- TSM 241 Networking Fundamentals
- TSM 320 Introduction to Wireless Technology
- TSM 343 Protocol Analysis
- TSM 351 Principles of Information Security
- TSM 352 Systems Security
- TSM 440 Information Assurance Policy and Management
- Elective (3 hrs)

Healthcare Analytics

- BIO 522 Pathophysiology
- CIS 407 Advanced Database Management Systems
- CIS 509 Data Warehousing and Business Intelligence
- CIS 543 Data Analysis and Modeling
- CSC 125 Internet and Web Page Design
- CSC 232 Visual Basic Programming I
- CSC 310 Database Administration
- CSC 332 Visual Basic Programming II
- or*
- CIS 548 Enterprise Resource Planning
- Elective (3 hrs)

Healthcare Information Systems Integration

- CIS 317 Principles of Information Systems Analysis and Design
- CIS 325 E-Business Programming
- CIS 525 Overview of E-Business Technologies
- or*
- CIS 548 Enterprise Resource Planning
- CSC 125 Internet and Web Page Design
- CSC 145 Introduction to Programming
- or*

CSC	232	Visual Basic Programming I
TSM	232	Operating Systems
TSM	320	Introduction to Wireless Technology
TSM	351	Principles of Information Security
TSM	517	Systems Planning

Unrestricted Electives 3-4 hrs

Total Curriculum Requirements 120 hrs

Nutrition, Dietetics and Food Management

The nutrition, dietetics, and food management program offers a B.S. degree with a choice of three options: dietetics, food management, and nutrition and foods, as well as a Master of Science.

The Dietetics Track focuses on the application of principles of nutrition, physiology, biochemistry, behavioral and social sciences and management to promote optimal health in individuals, and leads to credentialing as a Registered Dietitian (R.D.). The R.D. is the nationally recognized credential in nutrition. It is required for most employment in the health care industry and preferred for many other employment opportunities in foods and nutrition. The admission requirements for the Dietetics Track are explained below. Upon successful completion of the B.S. degree program in Dietetics, a graduate must complete an accredited post-baccalaureate supervised practice program (Dietetic Internship Program) to gain eligibility for the national examination for R.D. status. Murray State also offers a post-baccalaureate dietetic internship program.

The Food Management Track prepares students for careers in the hospitality industry. Skills developed can be applied to a wide range of jobs across the industry. There will be no shortage of exciting opportunities and fresh challenges in the years ahead. Necessary skills include basic business skills, motivation, and supervisory skills as well as food purchasing, preparation, and service. Careers you can explore include theme parks, country clubs, corporate dining, university dining, bed and breakfast, restaurants, consulting, and sales.

The Nutrition and Foods Track provides a broad education in basic nutrition and food studies leading to a variety of career possibilities in food and nutrition. Today's interest in healthy lifestyles is translating into a remarkable range of career opportunities related to health, diet, and fitness. Graduates may be employed in a variety of settings such as education, government agencies, school, media, food management, or any position where the R.D. credential is not required.

Dietetics Admission Requirements

The Dietetics Program is accredited by the Accreditation Council for Education in Nutrition and Dietetics as a Didactic Program in Dietetics (DPD). In order to be admitted into the DPD, a student must have completed at least 45 credit hours and have a GPA of 3.0 or above with a *B* or better in NTN 230, 231, and 330 and a *C* or better in BIO 115, CHE 105, CHE 210, and MAT 140. In order to obtain a Verification Statement upon completion of the DPD, a student must have a GPA of at least 3.0 and at least a *C* in all DPD required courses.

Upon completion of necessary prerequisite courses, students may apply for formal admission to the dietetics track. This typically occurs the second semester of the sophomore year of study. The student should request an application from the DPD Director. Admission is competitive and based on available space.

AREA:

Nutrition, Dietetics and Food Management/Dietetics Track

Bachelor of Science Degree
CIP 19.0501

ACCREDITED BY:

Dietetics Emphasis: Accreditation Council for Education in Nutrition and Dietetics (ACEND)

Note: With proper advising, this program can meet requirements for physician assistant and certain other pre-professional programs.

University Studies Requirements 38-43 hrs

(See *Academic Degrees and Programs*.)

University Studies selections must include:

•**Scientific Inquiry, Methodologies, and Quantitative Skills**

CHE	105	Introductory Chemistry
MAT	135	Introduction to Probability and Statistics
MAT	140	College Algebra

•**Social and Self-Awareness and Responsible Citizenship**

PSY	180	General Psychology
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•**University Studies Electives**

CSC	199	Introduction to Information Technology
GDS	201	Introduction to Gender and Diversity Studies
		or
SOC	133	Introduction to Sociology

Core Requirements..... 40 hrs

- BIO 115 The Cellular Basis of Life
- BUS 140 Foundations of Business
- MGT 350 Fundamentals of Management
- NTN 100T Transitions
- NTN 200 Introduction to the Profession
- NTN 230 Nutrition
- NTN 231 Principles of Food Science and Preparation
- NTN 303 Research Concepts in Foods and Nutrition
- NTN 333 Nutrition Throughout the Life Cycle
- NTN 371 Quantity Food Production Practicum
- NTN 372 Quantity Food Production and Purchasing
- NTN 373 Management of Food Service Personnel and Facilities
- NTN 412 Community Nutrition and Health
- NTN 422 Meal Management
- NTN 432 Experimental Foods
- NTN 499 Senior Seminar

Dietetics Courses 34 hrs

- BIO 120 Scientific Etymology
- BIO 220 Clinical Terminology
- BIO 229 Human Physiology
- BIO 230 Human Physiology Laboratory
- BIO 300 Introductory Microbiology
- CHE 210 Brief Organic Chemistry
- CHE 330 Basic Biochemistry
- NTN 330 Advanced Nutrition
- HEA 415 Communication Techniques for Health Care Providers
or
- NTN 350 Nutrition Counseling and Education
- NTN 434 Clinical Dietetics Practicum
- NTN 440 Medical Nutrition Therapy I
- NTN 445 Pathophysiology for Nutrition-Related Diseases
- NTN 450 Medical Nutrition Therapy II
- NTN 460 Advanced Clinical Cases

and elective hours as needed to meet university requirements.

Total Curriculum Requirements 120 hrs

AREA:

Nutrition, Dietetics and Food Management/Food Management Track

Bachelor of Science Degree

CIP 19.0501

University Studies Requirements 39-40 hrs

(See Academic Degrees and Programs.)

University Studies selections must include:

•Scientific Inquiry, Methodologies, and Quantitative Skills

- BIO 101 Biological Concepts
 - CHE 105 Introductory Chemistry
- or*

- CHE 201 General College Chemistry
- MAT 117 Mathematical Concepts (or higher math)

•Social and Self-Awareness and Responsible Citizenship

- PSY 180 General Psychology

•University Studies Electives

- CSC 199 Introduction to Information Technology
- SOC 133 Introduction to Sociology

Core Requirements..... 45-46 hrs

- BUS 140 Foundations of Business
- MAT 135 Introduction to Probability and Statistics
- or*
- PSY 300 Principles and Methods of Statistical Analysis
- FCS 462 Methods of Teaching Family and Consumer Sciences
- MGT 350 Fundamentals of Management
- NTN 100T Transitions
- NTN 200 Introduction to the Profession
- NTN 220 Food Safety and Sanitation
- NTN 230 Nutrition
- NTN 231 Principles of Food Science and Preparation
- NTN 303 Research Concepts in Foods and Nutrition
- NTN 333 Nutrition Throughout the Life Cycle
- NTN 371 Quantity Food Production Practicum
- NTN 372 Quantity Food Production and Purchasing
- NTN 373 Management of Food Service Personnel and Facilities
- NTN 412 Community Nutrition and Health
- NTN 422 Meal Management
- NTN 432 Experimental Foods
- NTN 499 Senior Seminar

Food Management Courses 24 hrs

- ACC 200 Principles of Financial Accounting
- ECO 230 Principles of Macroeconomics
- MGT 550 Human Resource Management
- MKT 360 Principles of Marketing
- NTN 374 Food Service Management Practicum
- Choose nine hours from the following:*
- ACC 201 Principles of Managerial Accounting
- CSC 125 Internet and Web Page Design
- MGT 358 Entrepreneurial Business Plan Development
- MGT 551 Organizational Behavior
- MGT 553 Human Resource Selection
- MKT 361 Selling and Sales Management
- MKT 565 Marketing Research
- NTN 488 Cooperative Education/Internship
- NTN 497 Trends and Issues in Nutrition and Foods

Electives 10-12 hrs

Total Curriculum Requirements 120 hrs

AREA:

Nutrition, Dietetics and Food Management/Nutrition and Foods Track

Bachelor of Science Degree
CIP 19.0501

University Studies Requirements 39-40 hrs
(See Academic Degrees and Programs.)

University Studies selections must include:

•Scientific Inquiry, Methodologies, and Quantitative Skills

- BIO 101 Biological Concepts
- CHE 105 Introductory Chemistry
- or*
- CHE 201 General College Chemistry
- MAT 117 Mathematical Concepts (or higher math)

•Social and Self-Awareness and Responsible Citizenship

- PSY 180 General Psychology

•University Studies Electives

- CSC 199 Introduction to Information Technology
- SOC 133 Introduction to Sociology

Core Requirements..... 45-46 hrs

BUS	140	Foundations of Business
MAT	135	Introduction to Probability and Statistics
		<i>or</i>
PSY	300	Principles and Methods of Statistical Analysis
FCS	462	Methods of Teaching Family and Consumer Sciences
MGT	350	Fundamentals of Management
NTN	100T	Transitions
NTN	200	Introduction to the Profession
NTN	220	Food Safety and Sanitation
NTN	230	Nutrition
NTN	231	Principles of Food Science and Preparation
NTN	303	Research Concepts in Foods and Nutrition
NTN	333	Nutrition Throughout the Life Cycle
NTN	371	Quantity Food Production Practicum
NTN	372	Quantity Food Production and Purchasing
NTN	373	Management of Food Service Personnel and Facilities
NTN	412	Community Nutrition and Health
NTN	422	Meal Management
NTN	432	Experimental Foods
NTN	499	Senior Seminar

Nutrition and Foods Courses..... 19-20 hrs

BIO	227	Human Anatomy <i>and</i>
BIO	228	Human Anatomy Laboratory
		<i>or</i>
EXS	250	Anatomical Concepts in Wellness
BIO	229	Human Physiology
BIO	230	Human Physiology Laboratory
CHE	210	Brief Organic Chemistry
HEA	191	Personal Health
HEA	415	Communication Techniques for Health Care Providers
NTN	430	Advanced Nutrition

Electives 14-17 hrs**Total Curriculum Requirements 120 hrs****Nutrition Graduate Programs**

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.

Master of Science in Nutrition

CIP 19.0501

Requirements for Admission

Applicants must meet the Murray State University requirements (see *Graduate Admissions*). Additional requirement for admission is as follows.

- Students must receive appointment to the MSU Dietetic Internship Program from the Commission on Dietetics Education's agent.

NON-THESIS REQUIREMENTS**Total Course Requirements..... 35 hours**

NTN	640	Dietetics Clinical Training Primer
NTN	641	Nutrition Therapy I
NTN	642	Management Practice in Dietetics
NTN	643	Community Nutrition ^{PT}
NTN	650	Dietetic Clinical Nutrition Assessment and Care
NTN	651	Medical Nutrition Therapy II

- NTN 652 Dietetics Clinical Practice in Long Term Care
- NTN 653 Advanced Clinical Practice
- NTN 656 Nutrition Research Literature Review^L
- NTN 660 Research Project in Nutrition I^R
- NTN 661 Research Project in Nutrition II

Approved elective(1-4 hrs)

Other Degree Requirements

- Student must pass the Registration Examination after 18 hours of study to continue in the program.

**CERTIFICATE:
Registered Dietitian (R.D.)**

CIP 19.0501

ACCREDITED BY:
Accreditation Council for Education in Nutrition and Dietetics (ACEND)

Requirements for Admission

Applicants must meet the Murray State University requirements (see *Graduate Admissions*) and students must receive appointment to the MSU Dietetic Internship Program from the Commission on Dietetics Education's agent.

Total Course Requirements..... 18 hours

- NTN 640 Dietetics Clinical Training Primer
- NTN 641 Nutrition Therapy I
- NTN 642 Management Practice in Dietetics
- NTN 643 Community Nutrition
- NTN 650 Dietetic Clinical Nutrition Assessment and Care
- NTN 651 Medical Nutrition Therapy II
- NTN 652 Dietetics Clinical Practice in Long Term Care
- NTN 653 Advanced Clinical Practice

Public and Community Health

The Bachelor of Science in Public and Community Health is designed to prepare students to:

- promote the health of individuals and groups within the community;
- demonstrate the ability to think critically and behave ethically while fulfilling the seven areas of responsibility for a health educator;
- work with individuals, groups, and families in the worksite, health behavior organizations, university-based health services, wellness centers, and community health programs at the local, state, or federal level;
- communicate with clients, families colleagues, and all stakeholders in implementing health promotion programs; and
- pass the Certified Health Education Specialist (CHES) examination.

Program Requirements

Students must achieve and maintain an overall GPA of 2.50 and an area GPA of 2.75 on a 4.0 scale. Students must earn a grade of *C* or better in Public and Community Health core courses to successfully complete the program. Additionally, a grade of *B* or better in MAT 140 (or higher) and a grade of *C* or better in BIO 101 and CHE 105 or CHE 111 is required for program completion. Students with a grade below a *C* in Public and Community Health core courses and/or a grade of *B* in MAT 140 (or higher) and a grade below *C* in BIO 101 and CHE 105 or CHE 111 may not continue with the Public and Community Health Program progression and must retake the course(s) the next semester offered. Department approval is required to transfer in HEA 110, 200, 210, 301, 311, 356, 415, 460, 470, and 499 from other institutions.

**AREA:
Public and Community Health**

**Bachelor of Science Degree
CIP 51.2208**

University Studies Requirements..... 40-41 hrs
(See *Academic Degrees and Programs.*)

University Studies selections must include:

- **Scientific Inquiry, Methodologies, and Quantitative Skills**
- BIO 101 Biological Concepts
- CHE 105 Introductory Chemistry

or

CHE 111 Essentials of Chemistry and Biochemistry

MAT 140 College Algebra (or higher math)

•Social and Self-Awareness and Responsible Citizenship

PHI 202 Ethics

PSY 180 General Psychology

•University Studies Electives

CSC 125 Internet and Web Page Design

or

CSC 199 Introduction to Information Technology

Core Courses 49 hrs

HEA 100T Transitions

HEA 110 Foundations of Community Health Education

HEA 191 Personal Health

HEA 200 Community and Consumer Health

HEA 210 Health Behavior

HEA 301 Chronic and Communicable Diseases

HEA 311 Epidemiology

HEA 356 Health Promotion Programming

EXS 400 Research Design and Statistics for Allied Health

HEA 415 Communication Techniques for Health Care Providers

HEA 460 Human Sexuality

HEA 470 Education for Drug Abuse Prevention

HEA 499 Professional Experience in Community Health Education

NTN 230 Nutrition

NTN 333 Nutrition Throughout the Life Cycle

NTN 412 Community Nutrition and Health

Area of Emphasis..... 27 hrs

Select one of the following:

Healthcare Administration

COM 380 Organizational Communication

COM 439 Conflict in Communication

HCA 395 Cultural Diversity for Health Care Organizations

HCA 401 Overview of the Health Care Delivery System

HCA 405 Hospital and Health Services Administration

HCA 410 Health Care Planning

HCA 415 Financial Aspects of Health Service Organizations

PSY 310 Health Psychology

or

PSY 405 Industrial and Organizational Psychology

SWK 348 Technology in Human Services

Nonprofit Leadership

COM 340 Intercultural Communication

COM 380 Organizational Communication

MGT 350 Fundamentals of Management

MGT 550 Human Resource Management

MKT 360 Principles of Marketing

REC 302 Special Event Management

NLS 351 Leadership and Support Systems in Nonprofit Organizations

NLS 485 Seminar on Leadership Development

NLS 502 Workshop in Financial Resource Development

Unrestricted Electives 3-4 hrs

Total Curriculum Requirements 120 hrs

Nursing

Dean: Marcia Hobbs. **Faculty:** Armstrong, Ballard, Beary, Byers, Cross, Farrell, Fowler, Garth, Hobbs, Kearney, Mailow, Manley, Naber, Perlow, Springer, Thurmond, Tinsley.

Nursing offers three degree programs, the baccalaureate program leading to the Bachelor of Science in Nursing (B.S.N.), the Master of Science in Nursing (M.S.N.), and the Doctor of Nursing Practice (D.N.P.). The B.S.N., M.S.N., and D.N.P. are accredited by the Commission on Collegiate Nursing Education. The D.N.P., Anesthesia Option, is also accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs.

The purpose of the undergraduate nursing program is to prepare:

- a liberally educated individual;
- a professional graduate who practices as a generalist;
- one who is qualified to pursue graduate study in nursing.

Upon completing the program of study, students will be eligible to apply to write the licensing examination for registered nurses (NCLEX-RN)¹.

The baccalaureate nursing program is typically composed of two semesters of pre-nursing and six semesters of full-time study in the arts, sciences, and nursing. Upon completion of necessary prerequisite courses, students may apply for formal admission to the nursing program. This typically occurs the beginning of the sophomore year of study. Proof of up-to-date immunizations, tuberculin testing, CPR certification, professional liability insurance, background check, and drug screening must be submitted upon acceptance to the program. Failure to submit documents can result in mandated withdrawal or failure in the program. The prerequisite courses for admission consideration are BIO 227, BIO 228, CHE 111, COM 161, ENG 105, MAT 140, and PSY 180. A grade point average of 2.75 and 30 hours completed are the minimum standards for admission into the program. Admission is competitive and based on available space. Students are expected to maintain a grade point average of at least 2.00 and may pursue either a full-time or part-time (with approval) course of study. Licensed practical nurses may apply for NUR 206 credit upon successful completion of NUR 200, 201, and 205.

Students must earn a grade of *C* or better in all course work. Students must pass both theory and clinical practice in all clinical nursing courses or the entire course must be repeated. Once a student has a clinical failure, the student will receive an *E* for the course and may not withdraw from the course, regardless of the university calendar. If a transfer student earned a *D* or *E* in a nursing course, it counts as a first failure in the MSU program. A student who must repeat a course is admitted to future courses on a space-available basis.

If a grade less than *C* is received in one nursing course, the student may repeat the course as soon as it is offered on a space-available basis. If a grade less than *C* is received in one nursing course for the second time, the course cannot be repeated and the student is not eligible for readmission. If two nursing courses are failed (less than a *C*), the student is dismissed from the program, and is not eligible for readmission to the same option (the options are pre-licensure B.S.N. and R.N.-B.S.N.).

Admission deadlines are May 1, for fall semesters and December 1 for spring semesters. Clinical facilities require drug screening and criminal background checks.

Students are responsible for the purchase of uniforms, miscellaneous equipment and transportation during their program of study. Undergraduate nursing course clinical hours are calculated on a one-credit-hour-to-three-clinical-hour ratio. Clinical courses usually require more clinical hours than are listed in the class schedules. Students are encouraged to check with advisors about the necessary time commitment.

Detailed information about these and other policies, such as academic honesty and confidentiality, is available from the School of Nursing and in the *MSU Student Handbook*.

For further information write: Nursing Program, Murray State University, 120 Mason Hall, Murray KY 42071-3302.

¹Applicants must submit a certified copy of the court record of each misdemeanor or felony conviction and a letter of explanation that addresses each conviction. (201 KAR 20:270).

AREA: Nursing

Bachelor of Science in Nursing Degree
CIP 51.3801

ACCREDITED BY:
Commission on Collegiate Nursing Education (CCNE)

University Studies Requirements 42 hrs

•Oral and Written Communication

COM 161 Introduction to Public Speaking
ENG 105 Critical Reading, Writing, and Inquiry

•Global Awareness, Cultural Diversity, and the World's Artistic Traditions

One University Studies elective in this category

•Scientific Inquiry, Methodologies, and Quantitative Skills

BIO 101 Biological Concepts¹

or

BIO 221 Zoology: Animal Form and Function

MAT 135 Introduction to Probability and Statistics¹
 MAT 140 College Algebra¹

•Social and Self-Awareness and Responsible Citizenship

PHI 202 Ethics¹
 PSY 180 General Psychology¹

•World's Historical, Literary, and Philosophical Traditions

CIV 201 World Civilizations I
or

CIV 202 World Civilizations II
 HUM 211 Western Humanities Tradition

•University Studies Approved Electives

CHE 111 Essentials of Chemistry and Biochemistry
 SOC 231 Social Problems¹

Required Courses 75 hrs

BIO 227 Human Anatomy
 BIO 228 Human Anatomy Laboratory
 BIO 229 Human Physiology
 BIO 230 Human Physiology Laboratory
 NTN 230 Nutrition
 NUR 100T Transitions
 NUR 200 Introduction to Nursing Concepts
 NUR 201 Nursing Assessment
 NUR 203 Mental Health Nursing
 NUR 205 Pharmacology in Nursing
 NUR 206 Nursing Practice Fundamentals
 NUR 301 Pathophysiology for Nursing Practice
 NUR 302 Nursing Care of Childbearing Families
 NUR 305 Nursing Care of Childrearing Families
 NUR 306 Introduction to Research in Nursing
 NUR 307 Nursing Care of Adults I
 NUR 308 Nursing Care of Adults II
 NUR 400 Applied Pharmacology
 NUR 402 Psychiatric Nursing
 NUR 407 Integration Practicum (Basic BSN only)
 NUR 408 Nursing Care of Adults III
 NUR 409 Issues in Health Care Delivery
 NUR 410 Community Health Nursing
 NUR 412 Leadership and Management in Nursing

Unrestricted Elective 3 hrs

Total Curriculum Requirements 120 hrs

¹Required for area if not taken as University Studies elective.

RN to BSN

Registered nursing students may complete requirements for the baccalaureate degree in nursing at Murray State University. Selected nursing courses may be earned by validation. The remaining nursing hours are taken from the nursing area curriculum shown below. A grade of C or better is required of all courses to be used toward the BSN degree, including transfer work.

Requirements for Admission to RN to BSN

The prerequisite courses for admission consideration are ENG 105; BIO 227, 228, 229, and 230; CHE 105 or 106 (with lab) or 111; COM 161; MAT 135 and 140; and PSY 180.

Compliance with the School of Nursing Health Policy: 1) proof of immunizations (MMR, tetanus (within last 10 years), Varicella titer, Hep B or waiver, and tuberculin screening; 2) proof of CPR certification; 3) proof of RN licensure; and 4) professional liability insurance = \$1,000,000/\$3,000,000.

AREA: Nursing/RN to BSN

Bachelor of Science in Nursing Degree CIP 51.3801

ACCREDITED BY:
Commission on Collegiate Nursing Education (CCNE)

University Studies Requirements 38-43 hrs

•Oral and Written Communication

COM 161 Introduction to Public Speaking
ENG 105 Critical Reading, Writing, and Inquiry

•Global Awareness, Cultural Diversity and the World's Artistic Traditions

One University Studies elective in this category

•Scientific Inquiry, Methodologies, and Quantitative Skills

MAT 135 Introduction to Probability and Statistics
or

Other School approved equivalent transfer

or

PSY 300 Principles and Methods of Statistical Analysis

or

PSY 591 Statistics

or

Other School approved equivalent transfer

MAT 140 College Algebra

One science or mathematics course

or

Other School approved equivalent transfer

•Social and Self-Awareness and Responsible Citizenship

One University Studies elective in this category

and

PSY 180 General Psychology

•University Studies Approved Electives

Six hours from the list of University Studies courses with no more than two courses from any one category.

Note: See required courses before selecting mathematics and science electives.

Required Courses 79-80 hrs

NUR 201 Nursing Assessment
NUR 306 Introduction to Research in Nursing
NUR 314 Professional Nursing Practice
NUR 403 Community Health Nursing
NUR 404 Leadership and Management in Nursing
NUR 405 The Nursing Profession and Health Care Delivery
NUR elective (3 hrs)

Courses required by validation or challenge

NUR 205 Pharmacology in Nursing
NUR 206 Nursing Practice Fundamentals
NUR 302 Nursing Care of Childbearing Families
NUR 305 Nursing Care of Childrearing Families
NUR 307 Nursing Care of Adults I

NUR 308 Nursing Care of Adults II
 NUR 400 Applied Pharmacology
 NUR 402 Psychiatric Nursing
 NUR 408 Nursing Care of Adults III

Unrestricted Elective 0-3 hrs

Total Curriculum Requirements 120-123 hrs

Graduate Programs

Graduate Coordinator - Dina Byers

Master of Science in Nursing Degree

Note: Students will be admitted to this program on a year-to-year basis.

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.

Requirements for Admission

Applicants must meet the Murray State University requirements (see *Graduate Admissions*). In addition to the general MSU application, applicants must complete an application from the School 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 concentration.

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.
- 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;
- a Graduate Records Exam (GRE) score;
- 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 86 combined;
- three favorable recommendations (submitted on a School of Nursing form);
- a successful interview by the selection committee;
- current CPR certification; current ACLS and PALS certification for NA concentration only;
- one year full-time RN experience (or 2000 clock hours) prior to interview for all concentrations with the NA concentration requiring the experience to be in intensive care;
- 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 School 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: School of Nursing, Murray State University, 120 Mason Hall, Murray, KY 42071.

Note: L=literature; R=research; PT=professional training. See page 75.

Master of Science in Nursing/Academic Nurse Educator Concentration

CIP 51.3801

ACCREDITED BY:

Commission on Collegiate Nursing Education (CCNE)

Total Course Requirements..... 31 hours

Advanced Nursing Core Courses 12 hrs

NUR 603 Theory and Concept Analysis in Nursing
 NUR 605 Issues in Rural Health Care
 NUR 630 Research in Nursing^R
 NUR 631 Evidence-Based Clinical Practice^L

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 610 Theoretical Foundations of Nurse Education
 NUR 612 Nurse Educator Practicum I
 NUR 613 Nurse Educator Practicum II^{PT}

Elective..... 2 hrs

Other Degree Requirements

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

Master of Science in Nursing/Nurse Anesthetist Concentration

CIP 51.3801

ACCREDITED BY:

Commission on Collegiate Nursing Education (CCNE)

Total Course Requirements..... 64 hours

Advanced Nursing Core Courses 19 hrs

NUR 603 Theory and Concept Analysis in Nursing
 NUR 605 Issues in Rural Health Care
 NUR 630 Research in Nursing^R
 NUR 631 Evidence-Based Clinical Practice^L
 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
 NUR 636 Pharmacology for Nurse Anesthesia I
 NUR 637 Pharmacology for Nurse Anesthesia II
 NUR 638 Pharmacology for Nurse Anesthesia III

Clinical Practicum 9 hrs

NUR 651 Clinical Practicum I^{PT}
 NUR 652 Clinical Practicum II^{PT}
 NUR 653 Clinical Practicum III^{PT}

Other Required Courses..... 9 hrs

- NUR 655 Seminar in Nurse Anesthesia I
 NUR 656 Seminar in Nurse Anesthesia II
 NUR 660 Special Topics

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 concentration.

Doctor of Nursing Practice (DNP)

The doctoral degree program in nursing is designed to move BSN prepared Registered Nurses to advanced practice. This unique program educates individuals to be advanced practice nurses (family nurse practitioners and nurse anesthetists) who are nursing leaders prepared to improve health-related outcomes at the individual client, population, and organization/system levels. The program has mandatory clinical experiences across the lifespan at clinical sites encompassing a wide variety of settings depending upon which specialization the student selects. Graduates of the DNP program will meet national certification criteria for advanced licensure.

Requirements for Admission

Applicants must meet the Murray State University requirements (see *Graduate Admissions*). In addition to the general MSU application, applicants must complete an application from the School of Nursing and Health Professions. 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 concentration. All application materials must be submitted on or before the application deadline.

Unconditional

For unconditional admission, an applicant must have:

- undergraduate cumulative grade point average of 3.0 on 4.0 scale;
- baccalaureate degree in nursing from an ACEN/CCNE-accredited institution;
- official transcripts from every college/university attended submitted to Murray State Graduate Admissions;
- current CPR certification; current ACLS and PALS certification for nurse anesthesia specialization only;
- students whose native language is not English, a TOEFL/iBT scores of 86 combined and a minimum of 26 speaking, 20 writing, 20 reading, and 20 listening;
- three professional recommendations submitted on a School of Nursing and Health Professions Recommendation forms;
- unencumbered licensure as a registered nurse (students will also be required to be licensed as a registered nurse in any state in which they intend to complete clinical hours for the program);
- submission of a one to three, double-spaced pages listing reasons for the seeking of doctoral study, including short- and long-term professional goals; and
- a successful interview with the DNP faculty.

Family Nurse Practitioner Specific Requirements

- One year experience as a registered nurse.

Nurse Anesthesia Specific Requirements

- Two years critical care experience as a registered nurse (excluding orientation to the critical care unit) within the past five years and by the time of application;
- chemistry prerequisite of organic or biochemistry course; and
- current PALS or ACLS.

Students who request admission to Murray State University's Doctor of Nursing Practice program must be in a good standing at previously and/or currently enrolled programs. 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 Graduate Coordinator, School of Nursing and Health Professions.

Where unusual or extenuating circumstances are indicated, the Dean of the School of Nursing and Health Professions may admit a student who does not meet the above criteria.

All application materials must be submitted on or before the application deadline.

Doctor of Nursing Practice/Clinical Nurse Specialist Specialization

CIP 51.3818

ACCREDITED BY:

Commission on Collegiate Nursing Education (CCNE)

Note: Students will be admitted to this program on a year-to-year basis.

Total Course Requirements 79 hours

Core Courses 43 hrs

NUR 603 Theory and Concept Analysis in Nursing
 NUR 630 Research in Nursing^R
 NUR 631 Evidence-Based Clinical Practice^L
 NUR 642 Advanced Pharmacology
 NUR 673 Pathophysiology in Advanced Nursing Practice
 NUR 900 Philosophy of Science
 NUR 901 Foundations of Advanced Nursing Practice
 NUR 902 Ethics in Nursing
 NUR 903 Principles of Epidemiology
 NUR 904 Informatics and Patient Care Technology
 NUR 905 Health Care Policy
 NUR 906 Leadership/Management of Systems
 NUR 907 Quality Improvement and Patient Safety
 NUR 908 DNP Seminar
 NUR 909 Capstone^R

Clinical Courses 10 hrs

NUR 641 Advanced Nursing Assessment
 NUR 910 Advanced Practice Clinical Residency^{PT}

Specialty Courses..... 23 hrs

NUR 920 Exacerbation of Chronic Health Problems
 NUR 921 Advanced Practice in Acute Care Settings
 NUR 922 Advanced Practice in Critical Care
 NUR 923 Advanced Acute Care for Pediatrics
 NUR 924 CNS Clinical Procedures and Diagnostics
 NUR 925 Advanced Practice in Emergency Care
 NUR 926 Acute Care Intensivist Practicum^{PT}

Additional Course..... 3 hrs

MAT 660 Biostatistics

Doctor of Nursing Practice/Family Nurse Practitioner Specialization

CIP 51.3818

ACCREDITED BY:

Commission on Collegiate Nursing Education (CCNE)

Total Course Requirements 76 hours

Core Courses 38 hrs

NUR 603 Theory and Concept Analysis in Nursing
 NUR 630 Research in Nursing^R
 NUR 631 Evidence-Based Clinical Practice^L
 NUR 642 Advanced Pharmacology
 NUR 673 Pathophysiology in Advanced Nursing Practice
 NUR 900 Philosophy of Science
 NUR 901 Foundations of Advanced Nursing Practice
 NUR 902 Ethics in Nursing
 NUR 903 Principles of Epidemiology
 NUR 905 Health Care Policy

- NUR 906 Leadership/Management of Systems
- NUR 909 Capstone^R
- NUR 912 Capstone Residency¹

Clinical Courses 10 hrs

- NUR 641 Advanced Nursing Assessment
- NUR 910 Advanced Practice Clinical Residency^{PT}

Specialty Courses..... 25 hrs

- NUR 929 Introduction to Primary Care
- NUR 931 Primary Care of the Family I
- NUR 932 Primary Care of the Family Clinical I
- NUR 933 Primary Care of the Family II
- NUR 934 Primary Care of the Family Clinical II
- NUR 936 Advanced Primary Care Practicum^{PT}
- NUR 937 Primary Care III

Additional Course 3 hrs

- MAT 660 Biostatistics

¹Will be taken three times for a total of three credit hours.

Doctor of Nursing Practice/Nurse Anesthesia Specialization

CIP 51.3818

ACCREDITED BY:
Council on Accreditation of Nurse Anesthesia Educational Programs (COA)

Total Course Requirements 81 hours

Advanced Nursing Core Courses 32 hrs

- NUR 603 Theory and Concept Analysis in Nursing
- NUR 630 Research in Nursing^R
- NUR 631 Evidence-Based Clinical Practice^L
- NUR 900 Philosophy of Science
- NUR 901 Foundations of Advanced Nursing Practice
- NUR 902 Ethics in Nursing
- NUR 903 Principles of Epidemiology
- NUR 905 Health Care Policy
- NUR 906 Leadership and Quality Improvement/Patient Safety
- NUR 909 Capstone^R
- NUR 912 Capstone Residency

Clinical Courses 16 hrs

- NUR 641 Advanced Nursing Assessment
- NUR 642 Advanced Pharmacology
- NUR 673 Pathophysiology in Advanced Nursing Practice
- NUR 910 Advanced Practice Clinical Residency^{PT}

Clinical Specialty Courses..... 30 hrs

- NUR 940 Introduction to Principles and Practice of Nurse Anesthesia
- NUR 941 Basic Principles and Practice of Nurse Anesthesia
- NUR 942 Clinical Physiology and Anesthetic Applications I
- NUR 943 Advanced Principles and Practice of Nurse Anesthesia for Special Populations
- NUR 944 Advanced Pharmacology Nurse Anesthesia
- NUR 945 Clinical Physiology and Anesthetic Applications II
- NUR 946 Clinical Physiology and Anesthetic Applications II^{PT}
- NUR 947 Principles and Practice of Nurse Anesthesia III
- NUR 948 Senior Seminar I

Additional Course 3 hrs

- MAT 660 Biostatistics

Doctor of Nursing Practice/MSN to DNP

CIP 51.3818

The MSN to DNP specialization is designed to move MSN prepared Advanced Practice Registered Nurses (APRNs) to a doctorate in nursing practice. All application materials must be submitted on or before the application deadline.

Requirements for Admission

Admission criteria is as follows:

- master's degree in nursing with advanced practice credentials from an NLNAC/CCNE-accredited institution;
- graduate cumulative grade point average of 3.5 on 4.0 scale;
- official transcripts from every college/university attended submitted to Murray State Graduate Admissions;
- current CPR certification; current ACLS and PALS certification for nurse anesthesia concentration only;
- APRN certification - Clinical Nurse Specialist (CNS), Family Nurse Practitioner (FNP), Nurse Anesthetist (NA), or Nurse Mid-Wife;
- students whose native language is not English, a TOEFL/iBT scores of 86 combined and a minimum of 26 speaking, 20 reading, and 20 listening;
- three professional recommendations submitted on a School of Nursing and Health Professions Recommendation forms;
- unencumbered licensure as an advanced practice registered nurse (students will also be required to be licensed as an APRN in any state in which they intend to complete clinical hours for the program);
- submission of a one to three, double-spaced pages listing reasons for the seeking of doctoral study, including short- and long-term professional goals; and
- a successful interview with the graduate faculty.

Students who request admission to Murray State University's Doctor of Nursing Practice program must be in a good standing at previously and/or currently enrolled programs. 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 Graduate Coordinator, School of Nursing and Health Professions.

Where unusual or extenuating circumstances are indicated, the Dean of the School of Nursing and Health Professions may admit a student who does not meet the above criteria.

Total Course Requirements 32-38 hours

Core Courses 26 hrs

NUR 631	Evidence-Based Clinical Practice ^L
NUR 900	Philosophy of Science
NUR 902	Ethics in Nursing
NUR 903	Principles of Epidemiology
NUR 904	Informatics and Patient Care Technology
NUR 905	Health Care Policy
NUR 906	Leadership/Management of Systems
NUR 907	Quality Improvement and Patient Safety
NUR 909	Capstone ^R

Clinical Courses 3-9 hrs

NUR 911	Clinical Residency I, II, III ^{PT}
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Additional Course 3 hrs

MAT 660	Biostatistics
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