School of Nursing and Health Professions

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Marcia Hobbs, Dean
121 Mason Hall
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UNITS

Applied Health Sciences 226
Nursing 234

PROGRAMS

UNDERGRADUATE

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

Minor
Exercise Science
Nutrition
Public and Community Health

GRADUATE

Master's
Athletic Training
Nutrition

Doctorate
Nursing Practice

Certificate
Registered Dietian (R.D.)

School of Nursing and Health Professions

The School of Nursing and Health Professions offers baccalaureate 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: Amelia Dodd. **Faculty:** Crouch, Dodd, J. Erdmann, K. Erdmann, Kalinski, Maghrabi, Paine, Reeves, Stanczyk, Terry.

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 is offered in exercise science with three tracks available: movement science, 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 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.

The Bachelor of Science in public and community health has three track options: healthcare administration, health education and promotion, and health information administration. It is a dynamic program that is interdisciplinary in nature and provides options that allow students to prepare for various careers in public and community health organizations, such as hospitals, government agencies, or non-profit organizations. The program also prepares students to sit for professional certifications/licensures, and/or pursue graduate studies in related fields.

A Master of Science in Athletic Training (MSAT) degree is offered. This program prepares students to sit for the Board of Certification examination for athletic trainers. This program offers a traditional route to completion, as well as a 3+2 accelerated route.

Note: L=literature; R=research; PT=professional training. See page 58.

Accreditations

The exercise science program's pre-health professional and wellness tracks are accredited through the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Committee on Accreditation for the Exercise Sciences (CoAES). The undergraduate dietetics and the graduate registered dietitian certificate programs are accredited through the Accreditation Council for Education in Nutrition and Dietetics (ACEND). The graduate athletic training program is accredited through the Commission on Accreditation of Athletic Training Education (CAATE).

Exercise Science

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 athletic training, 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 Bachelor of Science in Exercise Science/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 exercise science 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. This track'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.

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 exercise science 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.

Students intending to pursue the Master of Science in Athletic Training (MSAT) will initially select the EXS pre-health professional track. Junior-level students will be transitioned to the movement science track after specific criteria are met (see below).

Movement Science Track

Students intending to pursue the Master of Science in Athletic Training (MSAT) will initially select the pre-health professional track. Students will be transitioned to the movement science track when the following criteria are met:

- successful completion of 60 credits
- 2.75 or greater cumulative grade point average
- complete EXS 101, BIO 227, 228, 229, and 230 (or equivalent).

See the Athletic Training section for additional information about the MSAT program.

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/Movement Science Track

Bachelor of Science — 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
STA 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

BIO 120 Scientific Etymology
BIO 220 Clinical Terminology
PHY 130 General Physics I
PHY 131 General Physics I Laboratory

and choose courses from the following to reach 120 total credit hours:

ATR 500 Research and Evidence-Based Practice
ATR 503 Functional Anatomy in Athletic Training
ATR 504 Musculoskeletal Evaluation
ATR 505 Bracing, Splinting, and Taping
ATR 506 Diagnostic Testing and Measurement
ATR 507 Emergency Care in Athletic Training
ATR 508 Emergency Care in Athletic Training Laboratory
ATR 520 Therapeutic Interventions
ATR 521 Therapeutic Interventions Laboratory
ATR 535 Prevention and Health Promotion
ATR 541 Clinical Experience in Athletic Training I
ATR 551 Evaluation and Care: Foot, Ankle and Lower Leg
ATR 552 Evaluation and Care: Knee and Patellofemoral
ATR 585 Psychosocial Interventions
EXS 400 Research Design and Statistics for Allied Health
EXS 435 Neurological Anatomy and Physiology for Applied Health Sciences

Total Curriculum Requirements ..... 120 hrs

AREA:
Exercise Science/Pre-Health Professional Track

Bachelor of Science — 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
STA 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 304 Evidence-based Practice in Musculoskeletal Evaluation
EXS 400 Research Design and Statistics for Allied Health
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 307 Abnormal Psychology
SOC 133 Introduction to Sociology
ATR 500-level courses
Career Elective *(advisor approved)*

Total Curriculum Requirements ..... 120 hrs

AREA:
Exercise Science/Wellness Track

Bachelor of Science 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 221 Zoology: Animal Form and Function
CHE 111 Introductory Chemistry
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
STA 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 list. Ten of the 26 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 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 303 Health Behavior
HEA 311 Epidemiology
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 402 Financial Resource Management and Fund Development
NTN 333 Nutrition Throughout the Life Cycle
Advisor-approved career elective

Total Curriculum Requirements ..... 120 hrs

Exercise Science Minor .....21 hrs
EXS 101, 333, 350, 351, 353, 370; and at least five hours from the following: EXS 295, 301, 354, 356, 375, 385, 415, or 465. A minimum 2.50 GPA is required for admission and retention. Students must earn a grade of *C* or higher in all minor coursework. If an exercise science minor student's GPA (minor or overall) drops below 2.50, the student will have one semester to improve the GPA. If after the subsequent semester, the GPA (overall or minor) is below 2.50, the student will no longer be able to remain in this minor program.

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 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
STA 135 Introduction to Probability and Statistics
MAT 140 College Algebra
•***Social and Self-Awareness and Responsible Citizenship***
PSY 180 General Psychology
•***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 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
PSY 300 Principles and Methods of Statistical Analysis
or
STA 135 Introduction to Probability and Statistics
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 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
PSY 300 Principles and Methods of Statistical Analysis
or
STA 135 Introduction to Probability and Statistics
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 *and*
BIO 228 Human Anatomy Laboratory
or
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 Minor . . . . . .22 hrs
FCS 462, NTN 230, 231, 330, 333, 412, and 445.

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 according to professional standards;
- work with individuals, groups, and families in a variety of settings, such as worksite, community health 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 health programs;
- sit for professional certifications/licensures; and/or
- pursue graduate studies in related fields.

A 2+2 curricular plan is available for students in the Kentucky Community College System.

Healthcare Administration Emphasis

This specialization provides students with the basic knowledge, skills, and applied studies needed for entry-level positions in a variety of settings, such as hospitals, physician group practices, nursing homes, home health agencies, consulting firms, pharmaceutical companies, and non-profit organizations. It can also be the springboard to a graduate program for those seeking higher-level positions. The curriculum includes business aspects of health care organizations, such as finance, management, and marketing, as well as health care planning, policy, and special event management.

Health Education and Promotion Emphasis

This specialization prepares students for careers in disease prevention, health and wellness promotion, and addressing health disparities. The theoretical and experiential education prepares students to make a difference in local, regional, national, and global settings. The health education and promotion curriculum includes advanced concepts in consumer health, substance abuse, human sexuality, nutrition, mental health, and evaluation and administration of health programs. These areas prepare students to sit for the national examination to earn professional recognition as a Certified Health Education Specialist (CHES).

Health Informatics Administration Emphasis

This specialization focuses on the increasing use of technology in the health care profession. A health informatics administrator plays a role in collecting, interpreting, analyzing, maintaining, and protecting data that health care providers rely on to deliver quality care. The curriculum includes aspects in coding and classification systems, management of patient health information, and administration of computer information systems. Students who complete this track will be qualified to take the national registration examination to earn professional recognition as a Registered Health Information Administrator (RHIA).

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.

Any Public and Community Health 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 repeated at the next available offering. 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 Public and Community Health program and the student can no longer progress through the program.

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 CIP 51.2208

University Studies Requirements ..... 41-42 hrs
(See *Academic Degrees and Programs*.)

University Studies selections must include:
•Scientific Inquiry, Methodologies, and Quantitative Skills
BIO 101 Biological Concepts
MAT 140 College Algebra *(or higher math)*
•Social and Self-Awareness and Responsible Citizenship
HEA 260 Introduction to Medical Ethics
or
PHI 202 Ethics
PSY 180 General Psychology
•University Studies Electives
CSC 101 Introduction to Problem Solving Using Computers
or
CSC 199 Introduction to Information Technology

Core Courses ..... 44 hrs
HCA 450 Human Resource Management in Health Care
HEA 100T Transitions
HEA 191 Personal Health
HEA 201 Introduction to Public and Community Health
HEA 301 Chronic and Communicable Diseases
HEA 302 Consumer Health
HEA 303 Health Behavior
HEA 311 Epidemiology
HEA 411 Health Policy
HEA 490 Senior Seminar in Public and Community Health
HEA 499 Professional Experience in Public and Community Health (6 hrs)
HIA 301 Overview of the Healthcare Delivery System
HIA 401 Health Care Quality Management
and one of the following:
HEA 310 Biostatistics in Public Health
PSY 300 Principles and Methods of Statistical Analysis
STA 135 Introduction to Probability and Statistics
and one of the following:
EXS 400 Research Design and Statistics for Applied Health
NTN 303 Research Concepts in Food and Nutrition
PSY 301 Principles and Methods of Psychological Research
SWK 303 Principles and Methods of Research

Area of Emphasis..... 24-32 hrs
Select one subject area from the following:

Healthcare Administration
BUS 215 Business Communication
or
COM 380 Organizational Communication
COM 340 Intercultural Communication
or
HCA 395 Cultural Diversity for Health Care Organizations
HCA 405 Hospital and Health Services Administration
HCA 410 Health Care Planning
HCA 415 Financial Aspects of Health Service Organizations
HEA 356 Health Promotion Programming
HEA 475 Health Assessment and Evaluation
NLS 351 Leadership and Support Systems in Nonprofit Organizations

Health Education and Promotion
HEA 304 Mental Health: A Public Health Perspective
HEA 350 Foundations of Community Health Education
HEA 356 Health Promotion Programming
HEA 412 Environmental Health: A Public Health Perspective
HEA 460 Human Sexuality
HEA 470 Education for Drug Abuse Prevention
HEA 475 Health Assessment and Evaluation
NTN 230 Nutrition

Health Informatics Administration
BIO 120 Scientific Etymology
BIO 220 Clinical Terminology
CIS 317 Principles of Information Systems Analysis and Design
HCA 405 Hospital and Health Services Administration
HCA 410 Health Care Planning
HCA 415 Financial Aspects of Health Service Organizations
HIA 302 Legal Aspects of Health Information Administration
HIA 303 Health Care Coding
HIA 402 Medical Coding and Reimbursement
HIA 410 Healthcare Data Structures and Management
TSM 351 Principles of Information Security
and one of the following:
CSC 145 Introduction to Programming
CSC 232 Introduction to Programming in C#
CSC 235 Programming in C++

Unrestricted Electives..... 3-11 hrs

Total Curriculum Requirements ..... 120 hrs

Public and Community Health Minor . . . . . .21 hrs
HEA 191, 201, 301, 302, 303, 311, and HIA 301. A minimum 2.50 GPA is required for admission and retention. Students must earn a grade of *C* or higher in all minor coursework. If a public and community health minor student's GPA (minor or overall) drops below 2.50, the student will have one semester to improve the GPA. If after the subsequent semester, the GPA (overall or minor) is below 2.50, the student will no longer be able to remain in this minor program. No substitutions and/or alterations in the curriculum shall be made without written approval of the public and community health program director.

Graduate Programs

Athletic Training

As members of a sports medicine team, athletic trainers provide services comprising of prevention, emergency care, clinical diagnosis, and therapeutic interventions. Job settings for athletic trainers include secondary schools, colleges and universities, professional sports, rehabilitation clinics and hospitals, physicians' offices, performing arts programs, military, law enforcement, and industrial medicine. Murray State University's Master of Science in Athletic Training (MSAT) Program strengthens students' critical inquiry, cultural competence, and patient care skills through didactic and clinical education. Students wishing to pursue the MSAT degree will have two routes of completion: accelerated or traditional. Regardless of which route students pursue, the MSAT curriculum encompasses two full years of didactic and clinical coursework, including both summers.

The Commission on Accreditation of Athletic Training Education (CAATE) accredits the Athletic Training Program. Graduates are eligible to sit for the Board of Certification (BOC) examination. Minimum eligibility for state credentialing is based upon successful completion of the BOC exam.

Students wishing to pursue the Master of Science in Athletic Training (MSAT) degree have two routes of completion:

Traditional Route

Students who currently hold a bachelor's degree in an area other than athletic training and who complete the appropriate prerequisite coursework are eligible to apply for admission to the MSAT program.

Accelerated Route

Upon entering Murray State, students who are interested in athletic training but do not currently hold a bachelor's degree should declare exercise science as their major with the pre-health professional track. Students will change their major to exercise science/movement science track after meeting the necessary requirements. During their third year of undergraduate study, those students who complete the appropriate prerequisite coursework are eligible to apply for admission to the MSAT program. If accepted into the professional program, conferral of the bachelor's degree in exercise science will occur after the fourth year of study, and conferral of the MSAT degree will occur after the fifth year of study.

Students admitted to the master's program and successfully complete equivalent 600-level courses, could challenge the 500-level credit via a departmental challenge procedure. Departmental challenge fees would apply. The 500-level challenge credit will apply toward the baccalaureate degree.

Athletic Training Admission Requirements

A considerable time commitment is required to successfully complete the MSAT Program. Students are chosen based on a selective and competitive admissions process due to the limited space availability at the clinical sites. For detailed admission requirements and application deadlines, visit the MSAT Program website. General requirements for admission are:

- Cumulative GPA of 3.0 or greater for full admission; conditional admittance may be considered if cumulative GPA is 2.9-3.0.
- Completion of course credit (90 hours at MSU or by transfer OR baccalaureate degree)

- Completion of appropriate prerequisite foundational coursework with a *C* or better:
  (Course eligibility at the discretion of the MSAT Admission Committee.)
  - Anatomy with lab – 4 credits
  - Medical Terminology – 2 to 3 credits
  - Physiology with lab – 4 credits
  - General Psychology – 3 credits
  - General College Chemistry – 4 to 5 credits
  - Nutrition – 3 credits
  - General College Physics – 4 to 5 credits
  - Kinesiology or Biomechanics – 3 credits
  - Statistics – 3 to 4 credits
  - Exercise Physiology – 3 credits
- CPR/AED and First Aid certification at the Health Care Provider level
- GRE scores earned no earlier than five years prior to application
- Observation hours with a certified athletic trainer
- Completed Technical Standards/Essential Skills Form *(see Retention Requirements below)*
- Proof of immunizations (including Hepatitis B or signed waiver, influenza, and TB)
- Online application
- Background check
- Official transcripts from all other colleges/universities attended (if applicable)

Athletic Training Retention Requirements

Students must maintain confidentiality at the clinical site(s), show respect for faculty, staff, preceptors, and patients, and demonstrate adequate performance to be retained in the MSAT Program. Specific requirements for retention are:

- Signed agreement to abide by all program policies and procedures as detailed on the MSAT program website
- Maintain MSAT GPA of 3.0 or greater
- Receive a *C* or better in all coursework and a *B* or better in clinical education coursework
- Achieve satisfactory completion of comprehensive assessments
- Provide personal transportation and/or housing to clinical rotations
- Any student who, after reasonable accommodations, cannot perform the Essential Skills may not be permitted to continue in the MSAT program.

It is the student's responsibility to notify the Executive Director, Office of Institutional Diversity, Equity and Access, to request a reasonable accommodation. All requests must be accompanied by appropriate documentation from a qualified professional referencing the condition and specific need for the accommodation requested.

Master of Science in Athletic Training — CIP 51.0913

Total Curriculum Requirements ..... 64 hours

ATR	600	Research and Evidence-Based Practice
ATR	601	Professional Aspects of Athletic Training
ATR	603	Functional Anatomy in Athletic Training
ATR	604	Musculoskeletal Evaluation
ATR	605	Bracing, Splinting, and Taping
ATR	606	Diagnostic Testing and Measurement
ATR	607	Emergency Care in Athletic Training
ATR	608	Emergency Care in Athletic Training Laboratory
ATR	620	Therapeutic Interventions
ATR	621	Therapeutic Interventions Laboratory
ATR	635	Prevention and Health Promotion
ATR	641	Clinical Experience in Athletic Training I
ATR	642	Clinical Experience in Athletic Training II
ATR	645	Clinical Experience in AT III
ATR	646	Clinical Experience in AT IV
ATR	647	Clinical Experience in AT V
ATR	648	Seminar in Athletic Training I
ATR	649	Seminar in Athletic Training II
ATR	651	Evaluation and Care: Foot, Ankle, and Lower Leg
ATR	652	Evaluation and Care: Knee and Patellofemoral
ATR	653	Evaluation and Care: Thigh, Pelvis, and Lumbosacral Spine
ATR	654	Evaluation and Care: Shoulder and Upper Arm
ATR	655	Evaluation and Care: Elbow, Wrist, Hand, and Fingers
ATR	656	Evaluation and Care: Head and Cervical Spine
ATR	657	Evaluation and Care: Thorax and Abdomen
ATR	671	Administration and Professional Development
ATR	672	Graduate Project in Athletic Training I
ATR	673	Graduate Project in Athletic Training II
ATR	685	Psychosocial Interventions

Nutrition

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 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.

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

Nursing

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

Nursing offers two degree programs, the baccalaureate program leading to the Bachelor of Science in Nursing (B.S.N.) and the Doctor of Nursing Practice (D.N.P.). The B.S.N. and D.N.P. are accredited by the Commission on Collegiate Nursing Education. The D.N.P., Anesthesia Specialization, 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, 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 3.00 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 prelicensure 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.

[1]Applicants 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

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 Concepts[1]
or
BIO 221 Zoology: Animal Form and Function
MAT 140 College Algebra[1]
STA 135 Introduction to Probability and Statistics[1]
•Social and Self-Awareness and Responsible Citizenship
PHI 202 Ethics[1]
PSY 180 General Psychology[1]
•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
One University Studies elective

Required Courses ..... 78 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 202 Nursing Assessment and Basic Interventions
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

Total Curriculum Requirements ..... 120 hrs

[1]Required 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 140; STA 135; 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 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
STA 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
•World's Historical, Literary, and Philosophical Traditions
Two University Studies electives in this category
•University Studies Approved Electives
Eight 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 ..... 75 hrs

BIO 227 Human Anatomy
BIO 228 Human Anatomy Laboratory
BIO 229 Human Physiology
BIO 230 Human Physiology Laboratory
CHE 105 Introductory Chemistry
or
CHE 111 Essentials of Chemistry and Biochemistry
NUR 306 Introduction to Research in Nursing
NUR 314 Professional Nursing Practice
NUR 341 Nursing Assessment
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 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 ..... 3 hrs

Total Curriculum Requirements ..... 120-123 hrs

Graduate Programs

Graduate Coordinator - Dina Byers

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. This application must be turned in to the school office by the deadline set by the school. 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 Recommendation form;
- 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.

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 and 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.

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/ 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 Residency[1]

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

STA 660 Biostatistics

[1]Will 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) and Commission on Collegiate Nursing Education (CCNE)

Total Course Requirements ..... 81 hours

Advanced Nursing 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 and Quality Improvement/Patient Safety
NUR 909 Capstone[R]
NUR 912 Capstone Residency

Clinical Courses ..... 10 hrs
NUR 641 Advanced Nursing Assessment
NUR 949 Clinical Residency for Nurse Anesthesia[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 Physiology and Anesthetic Implications I
NUR 943 Principles and Practice of Nurse Anesthesia for Special Populations
NUR 944 Advanced Pharmacology Nurse Anesthesia
NUR 945 Physiology and Anesthetic Implications II
NUR 946 Advanced Physiology and Anesthetic Application[PT]
NUR 947 Advanced Principles and Practice of Nurse Anesthesia
NUR 948 Senior Seminar I and II

Additional Course..... 3 hrs
STA 660 Biostatistics

[1]NUR 912 will be taken for three semesters.
[2]NUR 648 will be taken for two semesters.

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 ACEN/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 (CNMW);
- 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 Recommendation form;
- 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.

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 hours

Core Courses ..... 20 hrs
NUR 631 Evidence-Based Clinical Practice[L]
NUR 900 Philosophy of Science
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]

Clinical Course..... 9 hrs
NUR 911 Clinical Residency I, II, III[PT]

Additional Course..... 3 hrs
STA 660 Biostatistics