



College of Health Sciences and Human Services

James C. Broughton, Interim Dean
107C Applied Science Building 270-809-3590



Department of Nursing	80
Department of Occupational Safety and Health	82
Department of Social Work, Criminal Justice	83
and Gerontology	
Department of Wellness and Therapeutic Sciences	85

The College of Health Sciences and Human Services offers an array of exemplary accredited practice-based programs designed to prepare students for careers in some of the most important and rapidly growing fields.

Mission

The mission of the college is to produce outstanding professionals in health science and human service disciplines to meet the needs of the region, state, and nation.

The college aims to promote excellence in all programs by offering undergraduate and graduate curricula that are state-of-the-art and responsive to a changing society. Students learn through extensive hands-on training in a variety of clinical, practicum, and internship experiences. Such experiences ensure that our students are prepared both academically and experientially for their chosen professions.

Programs

The College of Health Sciences and Human Services is organized into four departments: Nursing; Occupational Safety and Health; Social Work, Criminal Justice and Gerontology; and Wellness and Therapeutic Sciences.

The **Department of Nursing** offers a Bachelor of Science in Nursing (B.S.N.); a Registered Nurse to Bachelor of Science in Nursing (R.N.-B.S.N.), and a Master of Science in Nursing (M.S.N.).

Both the B.S.N. and M.S.N. degree programs are accredited by the Commission on Collegiate Nursing Education. The Trover Foundation/MSU program in anesthesia is accredited by the Council on Accreditation of Nurse Anesthesia Education Programs.

The **Department of Occupational Safety and Health** offers a nationally recognized program leading to a bachelor of science degree and master of science degree in occupational safety and health.

The B.S. degree has two options: occupational safety and health; and, environmental safety and health. The department also offers a technical minor in occupational safety and health.

Both the B.S. and M.S. degree programs are accredited by the Applied Science Accreditation Commission of the Accreditation Board for Engineering and Technology (ASAC/ABET).

The **Department of Social Work, Criminal Justice and Gerontology** offers the following degrees Bachelor of Social Work (B.S.W.), and a bachelor of arts or science in criminal justice. The department also offers two minors—one in criminal justice and one in social gerontology. Students in the degree programs gain hands-on experience by working in a variety of settings in regional and state agencies.

The B.S.W. degree program is accredited by the Council on Social Work Education.

The **Department of Wellness and Therapeutic Sciences** offers the following programs dealing with health promotion and therapeutic sciences.

Bachelor degrees are offered in communication disorders and a master of science degree in speech-language pathology. These programs operate the Murray State University Speech and Hearing Clinic, which offers a full range of speech-language pathology and audiology services to individuals of all ages throughout the western Kentucky area.

Bachelor degrees are offered in exercise science with an emphasis in either athletic training or pre-physical therapy. A master of science in exercise and leisure studies is also offered.

A bachelor of science degree is offered in nutrition, dietetics and food management with an emphasis in either dietetics, food management, or consumer nutrition. The graduate Dietetics Internship Program prepares students to become Registered Dietitians (R.D.).

Bachelor degrees are offered in recreation and leisure services with a concentration in outdoor recreation. Graduates of this program are eligible to take the national examination to become Certified Park and Recreation Professionals (C.P.R.P.).

A minor in youth and nonprofit leadership is offered through the department's American Humanics program. This program prepares students for leadership and volunteer roles in youth, human service, and nonprofit organizations by developing the whole person—mind, body, and spirit—for service to others.

The following degree programs hold national accreditations: M.S. in speech pathology (American Speech-Language-Hearing Association); B.S. in athletic training (Commission on Accreditation of Athletic Training Education); and both the undergraduate and graduate programs in Nutrition, Dietetics and Food Management (Commission on Accreditation for Dietetics Education of the American Dietetic Association).

Department of Nursing

121 Mason Hall
270-809-2193

nursing@murraystate.edu

Interim Chair: Michael Perlow. **Faculty:** Byers, France, Garth, Griffith, Hartman, Hobbs, Kearney, Manley, Minor, Myatt, Nygaard, Perlow, Powell, Ridley, Whiffen.

The Department of Nursing offers two degree programs, the baccalaureate program leading to the Bachelor of Science in Nursing (B.S.N.) and the Master of Science in Nursing (M.S.N.), both of which are accredited by the Commission on Collegiate Nursing Education. The M.S.N., 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 composed of two semesters of pre-nursing and six semesters of full-time study in the arts, sciences, and nursing. Upon completion of necessary pre-requisite courses, students may apply for formal admission to the nursing program. This typically occurs the beginning of the sophomore year of study. The student should request the application from the assigned faculty advisor. Proof of up-to-date immunizations, tuberculin testing, and CPR certification must be submitted with the application. The prerequisite courses for admission consideration are ENG 101, ENG 102, CHE 105, CHE 106, BIO 101, BIO 227, BIO 228, and PSY 180. A grade point average of 2.50 and 30 hours completed are the minimum standards for admission into the program. Admission is 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 204 credit upon successful completion of NUR 200, 201, and 205.

Students must earn a grade of *C* or better in all course work. Any course with a grade of less than *C* must be repeated if it is needed for graduation. 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 basic B.S.N. and R.N.-B.S.N.).

Prior to admission to clinical experiences, students are responsible for obtaining, maintaining and providing official documentation of professional liability insurance (minimum of one million dollars). Admission deadlines are May 1, for fall semesters and the third week of November for spring semesters. Some clinical facilities may 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 Department of Nursing and in the *MSU Student Handbook*.

For further information write: Department of Nursing, 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 51.1601.01**

ACCREDITED BY:
Commission on Collegiate Nursing Education (CCNE).

University Studies Requirements 43 hrs
(see Chapter 4, University Studies Requirements)

University Studies selections must include:
•*Social Sciences:*
PSY 180 General Psychology
Note: See required courses below before selecting mathematics and science University Studies electives.

Required Courses 79-80 hrs

- BIO 101 Biological Concepts¹
or
- BIO 221 Zoology: Animal Form and Function
- BIO 227 Human Anatomy
- BIO 228 Human Anatomy Laboratory
- BIO 229 Human Physiology
- BIO 230 Human Physiology Laboratory
- BIO 300 Introductory Microbiology
- CHE 105 Introductory Chemistry I¹
- CHE 106 Introductory Chemistry II¹
- NTN 230 Nutrition
- MAT 135 Introduction to Probability and Statistics¹
or
- PSY 300 Principles and Methods of Statistical Analysis
or
- PSY 591 Statistics
- NUR 099 Freshman Orientation (Basic BSN only)
- NUR 200 Introduction to Nursing Concepts
- NUR 201 Nursing Assessment
- NUR 204 Nursing Practice Fundamentals
- NUR 205 Pharmacology in Nursing
- NUR 303 Nursing Care of Childbearing Families
- NUR 304 Nursing Care of Childrearing Families
- NUR 311 Nursing Care of Adults I
- NUR 312 Nursing Care of Adults II
- NUR 314 Introduction to the Process and Practice of Professional Nursing (RNs only)
- NUR 401 Psychiatric and Mental Health Nursing
- NUR 403 Community Health Nursing
- NUR 404 Leadership and Management in Nursing
- NUR 405 The Nursing Profession and Health Care Delivery
- NUR 406 Introduction to Research in Nursing
- NUR 407 Integration Practicum (Basic BSN only)
- NUR elective (RNs only)
or one of the following courses:
- COM 353 Team Communication and Leadership
- COM 357 Communication and Critical Thought
- COM 384 Communication Skills for Professionals
- COM 385 Organizational Communication

Unrestricted Electives 3 hrs

Total Curriculum Requirements 125 hrs

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

AREA:
Nursing/RN to BSN

Bachelor of Science in Nursing Degree
CIP 51.1601.02

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 above nursing area curriculum.

ACCREDITED BY:
Commission on Collegiate Nursing Education (CCNE).

University Studies Requirements 43 hrs
(see Chapter 4, University Studies Requirements)

University Studies selections must include:

•**Humanities:**

Six hours chosen from **any** course in the Humanities category.

•**Science and Mathematics:**

MAT 135 Introduction to Probability and Statistics

or

Other departmental approved statistic courses

•**Social Sciences:**

Six hours chosen from **any** course in the Social Sciences category
and

PSY 180 General Psychology

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

Required Courses 79-80 hrs

NUR 201 Nursing Assessment

NUR 314 Introduction to the Process and
Practice of Professional Nursing (RNs only)

NUR 403 Community Health Nursing

NUR 404 Leadership and Management in Nursing

NUR 405 The Nursing Profession and Health Care Delivery

NUR 406 Introduction to Research in Nursing

Nursing elective

Courses required by validation or challenge

NUR 205 Pharmacology in Nursing

NUR 303 Nursing Care of Childbearing Families

NUR 304 Nursing Care of Childrearing Families

NUR 311 Nursing Care of Adults I

NUR 312 Nursing Care of Adults II

NUR 401 Psychiatric and Mental Health Nursing

NUR 407 Integration Practicum (Basic BSN only)

Total Curriculum Requirements 125 hrs

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

**Department of Occupational
Safety and Health**

157 Collins Center

270-809-2488

Chair: David G. Kraemer. **Faculty:** Atieh, Begley, Byrd, Fender, Keller, Kraemer, Mason, Nichols, Wortham.

The Department of Occupational Safety and Health provides related curriculum offerings at the baccalaureate level. Service courses are offered for individuals majoring in other fields such as business, science, health, psychology, education, and engineering technology. The department also offers a technical minor and a master of science degree. The degree programs provide the technical and professional knowledge required by individuals pursuing careers in accident prevention, loss-control management and supervision, inspection and control of occupational hazards, industrial hygiene or environmental health and safety.

The occupational safety and health option is designed to provide the technical and professional knowledge required by individuals pursuing professional careers in accident prevention, loss control management and supervision, inspection and control of occupational hazards, and industrial hygiene.

The environmental health and safety option is designed to provide the technical and professional knowledge required by individuals pursuing professional careers in environmental issues and affairs such as water quality, air quality and solid and hazardous waste management.

Program options in the bachelor and master of science degrees in occupational safety and health are accredited by the Applied Science Accreditation Commission of the Accreditation Board for Engineering and Technology (ASAC/ABET).

Degree Requirements

Students must earn a grade of *C* or better in all OSH courses. Any OSH course with a grade below a *C* must be repeated if needed for graduation requirements.

AREA:
Occupational Safety and Health

Bachelor of Science
CIP 15.0701

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

University Studies Requirements 46 hrs
(see Chapter 4, University Studies Requirements)

University Studies selections must include:

•**Communication and Basic Skills:**

COM 161 Introduction to Public Speaking

•**Science and Mathematics:**

BIO 101 Biological Concepts

CHE 105 Introductory Chemistry I

MAT 230 Technical Math II

•**Social Sciences:**

PSY 180 General Psychology

•**University Studies Electives:**

- CHE 210 Brief Organic Chemistry
- CHE 215 Organic Chemistry Laboratory
- PHY 125 Brief Introductory Physics
- PHY 126 Brief Introductory Physics Lab

Required Core Courses 52-53 hrs

- CSC 199 Introduction to Information Technology¹
- ENG 324 Technical Writing
- ITD 120 Manufacturing Processes and Materials
- MAT 135 Introduction to Probability and Statistics
- or*
- PSY 300 Principles and Methods of Statistical Analysis
- OSH 099 Freshman Orientation
- OSH 192 Introduction to Occupational Safety and Health
- OSH 287 OSHA Standards for General Industry and Construction
- OSH 299 Professional Development Seminar I
- OSH 310 Fire and Emergency Preparedness Preplanning
- OSH 311 Hazardous Materials and Emergency Planning
- OSH 320 Environmental and Occupational Health Engineering Technology
- OSH 353 Prevention of Musculoskeletal Disorders in the Workplace
- OSH 420 Industrial Hygiene I
- OSH 425 Physical Agents
- OSH 450 Practical Application Lab
- OSH 452 Systems Approach to Hazard Control
- OSH 488 Cooperative Education/Internship
- OSH 550 Safety and Health Program Management and Training
- OSH 591 Engineering and Technical Aspects of Safety

Required Option Courses 30 hrs

Occupational Safety and Health Option

- MGT 350 Fundamentals of Management
- OSH 101 Emergency Medical Training
- OSH 384 Construction Safety
- OSH 445 Fundamentals of Loss Control
- OSH 546 Fundamentals of Risk Control
- Technical electives: *11 hrs approved by advisor (chosen from list below)*

Environmental Health and Safety Option

- CET 341 Water Quality Technology
- CET 342 Air Quality Technology
- CET 353 Solid Hazardous Waste Technology
- OSH 511 Hazardous Waste Site Operations
- OSH 523 Occupational Diseases
- OSH 527 Air Contaminants and Industrial Ventilation
- Technical electives: *12 hrs approved by advisor (chosen from list below)*

Technical Electives (choose from the following)

- CET 310 Anatomy of Buildings
- CET 341 Water Quality Technology
- CET 342 Air Quality Technology
- CET 353 Solid Hazardous Waste Technology
- CET 385 Heavy Construction Cost Estimating

or

- CET 386 Building Construction Cost Estimating
- CET 480 Construction Planning and Management
- CET 555 Environmental Regulatory Affairs
- CHE 120 Chemical Laboratory Safety
- CHE 330 Basic Biochemistry
- CHE 352 Basic Chemical Instrumentation
- COM 384 Communication Skills for Professionals
- COM 387 Intercultural Communication
- COM 481 Conflict and Communication
- CRJ 355 Security in Business and Industry
- MGT 350 Fundamentals of Management
- MGT 550 Human Resource Management
- MGT 555 Training and Development
- MGT 575 Labor Management Relations
- OSH 101 Emergency Medical Training
- OSH 301 Product Liability
- OSH 371 Professional Internship II
- OSH 384 Construction Safety
- OSH 453 Human Factors in Safety Engineering
- OSH 488 Cooperative Education/Internship²
- OSH 499 Professional Development Seminar II
- OSH 511 Hazardous Waste Site Operations
- OSH 523 Occupational Diseases
- OSH 527 Air Contaminants and Industrial Ventilation
- OSH 536 Motor Fleet Safety
- OSH 546 Fundamentals of Risk Control
- OSH 571 Problems in Safety and Health
- OSH 578 Workshop in Safety and Health
- PSY 584 Industrial and Organizational Psychology

Total Curriculum Requirements 128-129 hrs

¹CSC 199 can be substituted by another computer related course with advisor's approval.
²May be repeated for a second experience.

Occupational Safety and Health Minor 22 hrs

OSH 101, 192, 287, 420, and six hours from OSH 310, 353, 452. Six hours must be upper-level courses completed in residence at Murray State University.

**Department of Social Work,
 Criminal Justice and Gerontology
 101S Oakley Applied Science Building
 270-809-2506**

Chair: Steven H. Jones **Faculty:** Chakradhar, Chavis, Ferreira, King, Lucko, Miller, Pittman-Munke, Verrill, Wylie.

The Department of Social Work, Criminal Justice and Gerontology offers an area in social work, a major in criminal justice, and minors in social work, criminal justice and gerontology.

Social Work

The primary purpose of the social work program is to prepare students for entry-level professional generalist practice as social workers in a variety of social service agencies and organizations. To accomplish this purpose, a well-developed curriculum is offered that is responsive to the social problems and issues confronting society today, and which provides students a stimu-

College of Health Sciences and Human Services

lating and provocative approach to preparing themselves for a social work career. The undergraduate social work program is nationally accredited by the Council on Social Work Education.

The social work program is designed to meet the career interests of students in such fields as family and children's services, health, mental health, aging, education and corrections. Undergraduate social work practitioners work in such settings as: recreational programs for children; group homes; public and private child welfare programs; public assistance programs; public housing programs; domestic violence shelters; hospitals; nursing homes; home health agencies; programs serving the chronically mentally ill; alcohol/drug rehabilitation and prevention programs; programs serving persons with physical and/or developmental disabilities; senior citizens programs; preschools; elementary and secondary schools; probation and parole; prisons and other court-related programs. Another important function of the program is to provide a sound academic foundation for students entering graduate study in social work or related fields of human service.

Students must earn a grade of *C* or better in all social work course work. Any social work course with a grade of less than *C* must be repeated.

Requirements for Admission

In order to be admitted to the social work program, a student must 1) have completed 60 semester hours of course work with a minimum GPA of 2.50; 2) have completed SWK 101, 201, 225, and 301 or 302 with a minimum GPA of 2.50 and no grades in a SWK class below *C*; 3) pass an examination designed to assess writing ability; 4) complete an application for admission to the program; 5) be successfully reviewed by the social work program admissions committee; 6) complete any other requirements or testing that the social work program admissions committee deems necessary for admission; and 7) sign a statement indicating that he/she has read and will follow the code of ethics of the National Association of Social Workers.

Field Practicum

In order to be admitted to SWK 499 Field Practicum, a student must 1) have been formally admitted to the social work program; 2) have completed SWK 310, 312, 313 and 498; and 3) be successfully reviewed by the social work field education review committee, and 4) must have completed all other course work needed for graduation. No student is guaranteed a field placement since agencies have final authority to accept or reject a potential student.

Gerontology

Through this minor, students learn about the aging process, services for the elderly, and the techniques for working with the elderly. The 21-hour minor in social gerontology combines course work in several disciplines including sociology, social work, psychology and therapeutic recreation. A minor in gerontology provides students with the background they need to provide services to older people.

AREA:

Social Work

Bachelor of Social Work Degree
CIP 44.0701

ACCREDITED BY:

Council on Social Work Education (CSWE)

University Studies Requirements 49-55 hrs
(see Chapter 4, University Studies Requirements)

Note: The social work area requires 12 hours of specific social science selections (see below) in addition to the university requirements of CIV 101 and 102.

University Studies selections must include:

•*Science and Mathematics:*

BIO 101 Biological Concepts

•*Social Sciences:*

ECO 140 Contemporary Economics

•*University Studies Electives:*

POL 140 American National Government

PSY 180 General Psychology

•*Additional Required University Studies Electives:*

SOC 133 Introduction to Sociology

Required Courses 49 hrs

SWK 099 Freshman Orientation

SWK 101 Introduction to Social Work

SWK 201 Social Work and Social Welfare

SWK 225 Human Diversity

SWK 301 Human Behavior and the Social Environment I

SWK 302 Human Behavior and the Social Environment II

SWK 303 Principles and Methods of Research

SWK 304 Quantitative Methods

SWK 310 Social Work Practice I

SWK 312 Social Work Practice II

SWK 313 Social Work Practice III

SWK 350 Social Welfare Policies and Services

SWK 498 Senior Seminar

SWK 499 Field Practicum

Required Limited Electives 6 hrs

choose two of the following:

SWK 305 Services to Older Americans

SWK 315 Addiction: Treatment and Society

SWK 336 Family Violence

SWK 345 School Social Work

SWK 355 Perspectives on Women

SWK 365 Crisis Intervention

SWK 370 Gerontological Social Work Theory

SWK 375 Social Work in Health Care Settings

SWK 385 Social Work in Mental Health Settings

SWK 395 Substance Abuse Prevention

SWK 405 Child Abuse and Neglect

SWK 410 Enhancing Safety and Permanency

SWK 415 Child Abuse Interventions

SWK 425 HIV Disease: The Individual and Society

SWK 426 Spirituality and Social Work Practice

SWK 460 Topical Seminar

SWK 525 Case Management: Theory and Practice

Co-Requirements for Area 18 hrs

CSC 199 Introduction to Information Technology

PSY 581 Abnormal Psychology

and four courses from the following prefixes:

ANT, CDI, CRJ, EDU, EXS, GTY, HIS, NTN, PHI, PSY,

REC, RGS, SOC, SPA, SWK, or YNL.

Unrestricted Elective 3 hrs

Total Curriculum Requirements 128-134 hrs

Gerontology Minor 21 hrs
 GTY 264, 305, 341, 520, plus nine hours of limited electives. Six hours must be upper-level courses completed in residence at Murray State University.

Social Welfare Minor 21 hrs
 SWK 101, 201, 225, 301, 302, and choose two of the following: SWK 303, 304, 311, 315, 336, 345, 350, 355, 365, 370, 375, 385, 395, 405, 410, 415, 425, 426, 437, or 460. Social work minors are not permitted to take SWK 312, 313, 498, or 499. Six hours must be upper-level courses completed in residence at Murray State University.

Criminal Justice

The criminal justice program affords students a broad-based overview of the criminal justice system and its components as well as the ability to specialize in an area of the student’s interest. Through the choice of electives, students can emphasize policing, corrections, the nature of crime, and crime causation. Criminal justice graduates are prepared for a variety of professional careers as well as graduate studies in criminal justice or law.

This program leads to a Bachelor of Arts or a Bachelor of Science degree in criminal justice. The university studies component provides the necessary liberal arts education, while the criminal justice major further develops the student’s oral, written, analytical, leadership, and problem-solving skills. Internship experiences are available during the junior and senior years in a variety of agencies.

The faculty encourages all students to be actively involved in student organizations, which provide a way for students to network with criminal justice practitioners. Two criminal justice student organizations are available: Lambda Alpha Epsilon, an academic fraternity of the American Criminal Justice Association; and Alpha Phi Sigma, the national criminal justice honor society affiliated with the Academy of Criminal Justice Sciences.

Requirements for Admission

In order to be admitted to the criminal justice major or minor, a student must 1) have completed 30 semester hours with a minimum GPA of 2.50; and 2) have completed CRJ 140 with a C or better. All students declaring, transferring in, or changing to criminal justice must follow the graduation requirements in the latest *MSU Bulletin*. Transfer students and new intended majors must take CRJ 099 and CRJ 140 prior to full admission to the criminal justice program.

MAJOR:
Criminal Justice¹

Bachelor of Arts/Bachelor of Science Degree
CIP 43.0104

Note: All criminal justice majors and minors must: 1) maintain a GPA of 2.50 in all coursework taken at Murray State University; and 2) must earn a grade of C or better in all CRJ courses counting towards the major or minor, including CRJ electives. (Students who earn less than a C must repeat the course if it is a required course.) **All students must maintain a 2.50 or higher overall GPA to enroll in any CRJ 300-level or higher courses.**

University Studies Requirements 43-49 hrs
 (see Chapter 4, University Studies Requirements)

University Studies selections must include:
 •*Communication and Basic Skills:*

CSC 199 Introduction to Information Technology
 • *Science and Mathematics:*
 MAT 135 Introduction to Probability and Statistics²
 • *Social Sciences:*
 POL 140 American National Government
 • *University Studies Electives:*
 COM 161 Introduction to Public Speaking
 PSY 180 General Psychology
 SOC 133 Introduction to Sociology
 or
 SOC 231 Social Problems
Note: A minimum grade of C is required in ENG 101 and 102, from all students (including transfers) majoring or minoring in criminal justice.

Required Courses 28 hrs

CRJ 099 Freshman Orientation
 CRJ 140 Introduction to Criminal Justice
 CRJ 220 Law Enforcement
 CRJ 240 Corrections
 CRJ 300 Crime and Criminals
 CRJ 303 Principles and Methods of Research
 CRJ 320 Juvenile Justice
 CRJ 325 Criminal Justice Ethics
 CRJ 445 Race, Ethnicity and Gender in Criminal Justice
 CRJ 480 Senior Seminar in Criminal Justice

Required Limited Electives 12 hrs

(*Approved by advisor.*)
 One 400/500-level CRJ elective (not CRJ 488 or 489)
 Three upper-level CRJ electives

Note: Only three hours of credit toward the major may be received from CRJ 305, 488, or 489.

Required Minor³ 21 hrs

Career Related Electives 10-16 hrs
 (*Approved by advisor.*)

Total Curriculum Requirements 120 hrs

¹No substitutions and/or alterations in the above curriculum shall be made without the written approval of a criminal justice faculty advisor.
²Students may take another MAT course and one of the following statistics course choices: PSY 300, SWK 304; or CIS 243 and CIS 343.
³A second major can replace the required minor.

Criminal Justice Minor 21 hrs

CRJ 140 and 300; two courses from 220, 240, 320, or 355; and nine hours of CRJ electives approved by a department advisor. Only three hours are allowed from CRJ 305, 488, or 489. Six hours must be upper-level courses completed in residence at Murray State University. Students must maintain a 2.50 overall GPA and can only apply courses with a C or better toward the minor. A minimum grade of C in ENG 101 and 102 is required of all students (including transfers) minoring in criminal justice. Students are expected to take necessary prerequisites listed under CRJ course descriptions. No substitutions and/or alterations in the above curriculum shall be made without written approval of a criminal justice faculty advisor. A minimum 2.50 GPA is required for admission and retention in the criminal justice major or minor.

and Therapeutic Sciences

108 Carr Health Building

270-809-6802

wellness@murraystate.edu

Interim Chair: Pam Rice **Faculty:** *Communication Disorders*-Blodgett, Brown, Hammons, Hart, Kleinhans, Miller, Payne; *Exercise Science*-Dodd, Erdmann, Rice, Wiggins; *Nutrition, Dietetics and Food Management*-Crouch, Frame, Timmons; *Recreation and Leisure Services*-Brookhiser, Broughton, Gowen, Rogers; *Youth and Nonprofit leadership*-Weis.

The Department of Wellness and Therapeutic Sciences is comprised of four program areas: communication disorders, exercise science, nutrition, dietetics and food management, and recreation and leisure services. A minor in youth and nonprofit leadership is also offered.

Communication Disorders

The division of communication disorders provides pre-professional undergraduate and professional graduate training leading to certification by the American Speech-Language-Hearing Association and to Kentucky certification and licensure in speech-language pathology. Degrees offered in this program include a Bachelor of Arts and Bachelor of Science in Communication Disorders.

Admission Requirements

Students may declare communication disorders as their area of choice at any point. However, students can not enroll in CDI 325, 345, or 400-level CDI classes until they have been admitted to the communication disorders program.

In order to be admitted to the communication disorders program, a student must 1) have completed 40 semesters hours of coursework with a minimum GPA of 2.50; 2) complete an application for admission to the program; 3) apply by February 1, for fall admission or by October 1, for spring admission; 4) students must follow the most current bulletin when admitted to the program. The faculty reserves the right to meet with applicants if there is a question about the student's ability to complete the program.

Once admitted to the program, students must maintain an overall GPA of 2.50 and an area GPA of 2.75. Any student whose GPA falls below this minimum must meet with the division retention committee before participating in the upper-level CDI classes. The decision of the division retention committee will be final.

AREA:

Communication Disorders

Bachelor of Science/Bachelor of Arts Degree
CIP 51.0204

ACCREDITED BY:

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

University Studies Requirements 44-60 hrs
(see Chapter 4, University Studies Requirements)

University Studies selections must include:

•Communication and Basic Skills:

COM 161 Introduction to Public Speaking

or

COM 181 Introduction to Interpersonal Communication

•Science and Mathematics:

One biological science course

One physical science course

•Social Sciences:

PSY 180 General Psychology

•University Studies Electives:

ENG 224 Writing in the Professions

Required Courses 48 hrs

CDI 099 Freshman Orientation

CDI 205 Introduction to Communication Disorders

CDI 215 Clinical Phonetics

CDI 310 Anatomy and Physiology

CDI 315 Speech Science

CDI 325 Communication Disorders I

CDI 340 Speech and Language Development

CDI 345 Communication Disorders II

CDI 405 Audiology

CDI 440 Adult Communication Disorders

CDI 451 Aural Rehabilitation

CDI 465 Neuroanatomy and Physiology for the Speech-Language Pathologist

CDI 470 Clinical Methods I

CDI 472 Clinical Methods II

CDI 474 Practicum (2 semesters)

CDI 482 Augmentative Alternative Communication

ENG 310 Linguistics and English Grammars

Required Support Courses 21 hrs

CDI 480 School Services for Communication Disorders

EDP 260 Psychology of Human Development

or

PSY 260 Lifespan Development

SED 300 Educating Students with Disabilities

COM 387 Intercultural Communication

or

SWK 225 Human Diversity

Choose nine hours from the following:

BIO 120 Scientific Etymology

CDI 452 Signing Exact English I

COM 357 Communication and Critical Thought

COM 381 Interpersonal Communication

COM 384 Communication Skills for Professionals

EDU 103 Issues and Practices of American Education

ENG 328 Standard English Usage

FCS 210 Child Development I

GTY 264 Psychology of Aging

GTY 305 Services to Older Americans

HEA 191 Personal Health

HEA 195 First Aid and Safety

MAT 135 Introduction to Probability and Statistics

PSY 300 Principles and Methods of Statistical Analysis

PSY 304 Psychology of Learning and Memory

PSY 322 Motivation

Required Limited Electives 3 hrs

Choose from the following:

GTY 520 Leisure and Aging

PSY 545 Behavior Modification

- PSY 581 Abnormal Psychology
- PSY 589 Personality
- SED 526 Introduction to Early Education of Children with Disabilities
- SED 552 Functional Behavior Analysis
- TSL 533 Language and Culture

Required Toward K-12 Certification¹ 12 hrs

- CDI 480 School Services for Communication Disorders
- COM 161 Introduction to Public Speaking²
- CSC 199 Introduction to Information Technology²
- EDP 260 Psychology of Human Development²

Note: A teaching certificate is required to obtain a tenured position as an SLP in Kentucky schools. Specific undergraduate courses must be taken and grade requirements met before a student can meet qualifications for a teaching certificate. Students should meet with academic advisors to ensure they meet these requirements.

Unrestricted Electives 0-4 hrs

Total Curriculum Requirements 120-132 hrs

¹These courses are required only for students pursuing public school certification. Although these courses are taken at the bachelor's level, requirements for certification are completed at the master's level.

²May be taken as a University Studies elective.

³May be taken as a Required Support course.

Exercise Science

The area in exercise science is enhanced by choosing an emphasis from wellness, athletic training or pre-physical therapy. With the exception of first semester freshman, all students must have a cumulative GPA of 2.0 and have completed all developmental courses prior to declaring exercise science as an area. A cumulative grade point average of 2.5 is required prior to enrollment in most senior-level courses. The 2.5 GPA must be maintained to graduate.

Students who choose the wellness option will work with other health care professionals to provide clients with information designed to manage and prevent health issues associated with physical activity. Job opportunities involve interaction with a variety of health related professions including hospital wellness centers, cardiac rehabilitation, physical therapy, corporate fitness programs, private industry and other wellness related facilities. Students should enjoy working with adults interested in developing healthier lifestyles through a combination of educational programs and exercise. Educational opportunities involve classroom and practical experiences focusing on life sciences and preventive health.

An athletic trainer is a qualified health care professional educated and experienced in the management of health care problems associated with physical activity. In cooperation with physicians and other health care personnel, the athletic trainer functions as an integral member of the health care team in secondary schools, colleges and universities, professional sports programs, sports medicine clinics, and other health care settings. Through a combination of formal classroom instruction and clinical experience, the athletic trainer is prepared to apply a wide variety of specific health care skills and knowledge.

Athletic Training Requirements for Admission

Students should understand that a considerable time commitment is required to successfully complete all the requirements in the Athletic Training Education Program (ATEP). Incoming freshmen will be conditionally admitted to the ATEP for their first semester to observe in the Murray State University Athletic Train-

ing Room. Students must maintain a 2.0 on a 4.0 scale, complete at least 30 observation hours, meet the *Technical Standards (found at referenced website below)*, and apply by the dates given (February 15 or the first Friday after the fall semester begins) for consideration of admission into the ATEP. Reviewed materials for admission are applications, interviews of the candidates, overall GPA, ACT/SAT scores, experience, certifications/professional memberships, performance reviews during their observation hours, college courses completed, and three letters of recommendation. Only those candidates admitted into the ATEP may take the clinical experience courses (EXS 270, 271, 371, 372, and 472). These courses must be taken in residence at MSU. Students may transfer into the program before their junior year, based upon their credentials, courses completed at other institution(s), space availability, and permission from the ATEP Director. Transfer student candidates may transfer in EXS 301, 390, 402, 403, 420, and 471 only after departmental approval.

A grade below a C for a major course is unacceptable and must be retaken the next semester offered. Students must achieve a cumulative overall GPA of 2.5 or higher prior to enrolling in EXS 471 and graduating from the ATEP. Students must maintain confidentiality at the clinical site(s), show respect for faculty, staff, and student-athletes at all times, and demonstrate adequate performance of the *Essential Skills (found at referenced web site below)* to be admitted and retained in the ATEP.

All students must meet the *Technical Standards* established to assure the health and safety of the candidate, other athletic training students, faculty and staff, and student-athletes or other physically active persons. All candidates are required to complete a physical exam upon acceptance into the ATEP and provide proof of proper immunizations and either proof of Hepatitis B vaccination (HBV) or a signed waiver.

All full-time athletic trainers carry personal liability insurance to a level of no less that \$1,000,000/incident, \$3,000,000 aggregate. Athletic training students and graduate assistants in the athletic training education program are covered at the same level under a blanket policy that is renewed annually. Athletic training students are responsible for the cost of this policy. Athletic training students must be covered under this policy prior to beginning clinical rotations or field experiences. Other costs to the student include purchasing proper attire to be worn at the clinical sites and any costs associated with annual CPR Training. The Athletic Training Program attempts to keep these costs at a minimum.

Athletic training students are required to provide their own transportation to their Clinical Experience Sites.

Any student who, after reasonable accommodations, cannot perform the *Essential Skills* may not be permitted to continue in the ATEP. It is the student's responsibility to notify the Director, Office of Equal Opportunity/ADA Coordinator, 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.

Please refer to the ATEP web site at: www.murraystate.edu/academics/hshs/wts/athletictraining.htm or contact the director at (270) 809-4517 or e-mail the department for further information.

Pre-Physical Therapy

Students choosing the pre-physical therapy emphasis will complete a bachelor's degree at Murray State then apply to graduate programs in physical therapy. There is a strong demand for physical therapists nationwide. Physical therapists work in hospitals or clinics assisting patients in returning to normal motor activities following illnesses, accidents, or surgery.

College of Health Sciences and Human Services

AREA:

Exercise Science/Athletic Training Emphasis

Bachelor of Science/Bachelor of Arts Degree

CIP 31.0505

ACCREDITED BY:

Commission on Accreditation of Allied Health Education Programs (CAAHEP)

University Studies Requirements 45-46 hrs
(see Chapter 4, University Studies Requirements)

University Studies selections must include:

•*Communication and Basic Skills:*

COM 161 Introduction to Public Speaking

or

COM 181 Introduction to Interpersonal Communication

•*Science and Mathematics:*

BIO 101 Biological Concepts

or

BIO 221 Zoology: Animal Form and Function

CHE 105 Introductory Chemistry I

or

CHE 201 General College Chemistry

MAT 140 College Algebra *or* higher math

•*Social Sciences:*

PSY 180 General Psychology

•*University Studies Electives:*

See advisor before choosing electives.

Core Courses 41 hrs

BIO 229 Human Physiology

BIO 230 Human Physiology Laboratory

EXS 099 Freshman Orientation

EXS 295 Acute Care of the Physically Active

EXS 301 Care and Prevention of Athletic Injuries

EXS 310 Exercise Concepts in Special Populations

EXS 333 Theory and Techniques in Strength and
Conditioning

EXS 375 Biomechanics in Sport and Exercise

EXS 380 Sports Medicine Pharmacology

EXS 400 Research Design and Statistics for Allied Health

EXS 450 Exercise Physiology

EXS 471 Administration in Exercise Science

EXS 475 Kinesiology

EXS 485 Sport and Exercise Psychology

NTN 230 Nutrition

Athletic Training Courses 37 hrs

BIO 227 Human Anatomy

BIO 228 Human Anatomy Laboratory

EXS 250 Anatomical Concepts in Wellness

EXS 270 Clinical Experience I

EXS 271 Clinical Experience II

EXS 320 Evaluation of Non-orthopedic Conditions

EXS 371 Clinical Experience III

EXS 372 Clinical Experience IV

EXS 390 Therapeutic Modalities

EXS 402 Evaluation of the Lower Extremity

EXS 403 Evaluation of the Upper Extremity

EXS 420 Rehabilitation Techniques

EXS 472 Clinical Experience V

OSH 101 Emergency Medical Training

Total Curriculum Requirements 122-123 hrs

AREA:

Exercise Science/Pre-Physical Therapy Emphasis

Bachelor of Science/Bachelor of Arts Degree

CIP 31.0505

University Studies Requirements 47-49 hrs
(see Chapter 4, University Studies Requirements)

University Studies selections must include:

•*Communication and Basic Skills:*

COM 161 Introduction to Public Speaking

or

COM 181 Introduction to Interpersonal Communication

•*Science and Mathematics:*

BIO 101 Biological Concepts

or

BIO 221 Zoology: Animal Form and Function

CHE 201 General College Chemistry

MAT 150 Algebra and Trigonometry *or* higher math¹

•*Social Sciences:*

PSY 180 General Psychology

•*University Studies Electives:*

PHY 130 General Physics I

PHY 131 General Physics I Laboratory

SOC 133 Introduction to Sociology

Core Courses 41 hrs

BIO 229 Human Physiology

BIO 230 Human Physiology Laboratory

EXS 099 Freshman Orientation

EXS 295 Acute Care of the Physically Active

EXS 301 Care and Prevention of Athletic Injuries

EXS 310 Exercise Concepts in Special Populations

EXS 333 Theory and Techniques in Strength and
Conditioning

EXS 375 Biomechanics in Sport and Exercise

EXS 380 Sports Medicine Pharmacology

EXS 400 Research Design and Statistics for Allied Health

EXS 450 Exercise Physiology

EXS 471 Administration in Exercise Science

EXS 475 Kinesiology

EXS 485 Sport and Exercise Psychology

NTN 230 Nutrition

Pre-Physical Therapy Courses 36 hrs

BIO 120 Scientific Etymology

BIO 220 Clinical Terminology

BIO 227 Human Anatomy

BIO 228 Human Anatomy Laboratory

CHE 202 General Chemistry and Qualitative Analysis

EDP 260 Psychology of Human Development

or

PSY 260 Lifespan Development

EXS 390 Therapeutic Modalities

- EXS 402 Evaluation of the Lower Extremity
- EXS 403 Evaluation of the Upper Extremity
- EXS 420 Rehabilitation Techniques
- EXS 470 Professional Experience
- PHY 132 General Physics II
- PHY 133 General Physics II Laboratory

Total Curriculum Requirements 122-124 hrs

AREA:

Exercise Science/Wellness Emphasis

Bachelor of Science/Bachelor of Arts Degree

CIP 31.0505

University Studies Requirements 45-46 hrs
(see Chapter 4, University Studies Requirements)

University Studies selections must include:

•*Communication and Basic Skills:*

COM 161 Introduction to Public Speaking

or

COM 181 Introduction to Interpersonal Communication

•*Science and Mathematics:*

BIO 101 Biological Concepts

or

BIO 221 Zoology: Animal Form and Function

CHE 105 Introductory Chemistry I

or

CHE 201 General College Chemistry

MAT 140 College Algebra *or* higher math

•*Social Sciences:*

PSY 180 General Psychology

•*University Studies Electives:*

See advisor before choosing electives.

Core Courses 41 hrs

BIO 229 Human Physiology

BIO 230 Human Physiology Laboratory

EXS 099 Freshman Orientation

EXS 295 Acute Care of the Physically Active

EXS 301 Care and Prevention of Athletic Injuries

EXS 310 Exercise Concepts in Special Populations

EXS 333 Theory and Techniques in Strength and Conditioning

EXS 375 Biomechanics in Sport and Exercise

EXS 380 Sports Medicine Pharmacology

EXS 400 Research Design and Statistics for Allied Health

EXS 450 Exercise Physiology

EXS 471 Administration in Exercise Science

EXS 475 Kinesiology

EXS 485 Sport and Exercise Psychology

NTN 230 Nutrition

Wellness Courses 27-28

BIO 227 Human Anatomy

and

BIO 228 Human Anatomy Laboratory

or

EXS 250 Anatomical Concepts in Wellness

EXS 455 Exercise Prescription

EXS 460 Practicum

EXS 465 Advanced Exercise Physiology

EXS 470 Professional Experience

HEA 191 Personal Health

Career Electives (9 hours upper-level with advisor approval)

Unrestricted Electives 5-7 hrs

(A minor may be substituted in place of electives.)

Total Curriculum Requirements 120 hrs

¹MAT 140 and 145 may be substituted for MAT 150.

Nutrition, Dietetics and Food Management

The nutrition, dietetics and food management program offers a B.S. degree with a choice of three career paths. Students may select the Dietetics Option after completing developmental courses and achieving a 3.0 GPA. The Dietetics Option focuses on the application of the principles of nutrition, physiology, biochemistry, behavioral and social sciences, and management to promote optimal health in individuals as a Registered Dietitian (R.D.). The Registered Dietitian credential is the nationally recognized credential in nutrition and is required for most employment in the health care industry and preferred for many other employment opportunities in foods and nutrition. Upon successful completion of a bachelor of science degree from Murray State University, a student must complete a post-baccalaureate experience program to gain eligibility for the national examination for R.D. status. Murray State also offers the post-baccalaureate experience program.

The Food Management Option prepares students for careers in the hospitality industry. Students may select the Food Management Option after completing developmental courses and achieving a 2.4 GPA. Skills developed can be applied to a wide range of jobs across the industry. Hospitality is a high-reward, high-variety and \$4 trillion industry worldwide. 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.

Students may select the Consumer Nutrition Option after completing developmental courses and achieving a 2.4 GPA. The Consumer Nutrition Option provides a broad education in basic nutrition and food management 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, schools, media, food management, or any position where the R.D. credential is not required.

AREA:

Nutrition, Dietetics and Food Management

Bachelor of Science Degree

CIP 19.0501

ACCREDITED BY:

Commission on Accreditation for Dietetics Education of the American Dietetic Association

University Studies Requirements 44-46 hrs
(see Chapter 4, University Studies Requirements)

College of Health Sciences and Human Services

University Studies selections must include:

•*Communication and Basic Skills:*

COM 161 Introduction to Public Speaking

or

COM 181 Introduction to Interpersonal Communication

•*Science and Mathematics:*

BIO 101 Biological Concepts

CHE 105 Introductory Chemistry I

•*Social Sciences:*

PSY 180 General Psychology

•*University Studies Electives:*

CSC 199 Introduction to Information Technology

SOC 133 Introduction to Sociology

Core Requirements 42-44 hrs

BPA 140 Foundations of Business

CHE 210 Brief Organic Chemistry

CIS 243 Business Statistics I

and

CIS 343 Business Statistics II

or

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 099 Freshman Orientation

NTN 230 Nutrition

NTN 231 Principles of Food Science and Preparation

NTN 233 Nutrition Throughout the Life Cycle

NTN 235 Quantity Food Production Practicum

NTN 312 Community Nutrition and Health

NTN 332 Meal Management

NTN 372 Quantity Food Production and Purchasing

NTN 373 Management of Food Service Personnel and Facilities

NTN 399 Senior Seminar

NTN 432 Experimental Foods

Area of Emphasis 39-40 hrs

(Choose an area of emphasis listed below.)

Dietetics Emphasis

BIO 228 Human Anatomy and

BIO 229 Human Anatomy Laboratory

or

EXS 250 Anatomical Concepts in Wellness

BIO 229 Human Physiology

BIO 230 Human Physiology Laboratory

BIO 300 Introductory Microbiology

CHE 330 Basic Biochemistry

NTN 434 Clinical Dietetics Practicum

NTN 440 Clinical Dietetics

NTN 532 Advanced Nutrition

NTN 535 Medical Nutrition Therapy and Disease

SOC 303 Introduction to Research Methods

or

Other approved research methods course

SWK 311 Social Work Practice Skills

or

Other approved counseling course

Electives (9 hrs)

Food Management Emphasis

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 9 hours from the following:

ACC 201 Principles of Managerial Accounting

CSC 125 Internet and Web Page Design

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 597 Trends and Issues in Nutrition and Foods

Electives (15 hrs)

Consumer Nutrition Emphasis

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

HEA 191 Personal Health

NTN 532 Advanced Nutrition

SOC 303 Introduction to Research Methods

or

Other approved research methods course

SWK 311 Social Work Practice Skills

or

Other approved counseling course

Electives (20 hrs)

Total Curriculum Requirements 125-130 hrs

Recreation and Leisure Services

The Recreation and Leisure Services program offers a B.A./B.S. degree with a concentration in outdoor recreation preparing students for careers in a variety of settings including local, state, regional and national parks and recreation areas. Through service learning courses and a 400 contact hour internship, students have many opportunities to gain valuable work experience prior to graduation. Upon successfully completing the program, students are eligible to sit for the Certified Park and Recreation professional (CPRP) national exam. With the exception of first semester freshman, all students must have a cumulative GPA of 2.0 or higher and have completed all developmental courses prior to declaring recreation and leisure services as a major or minor.

MAJOR:

Recreation and Leisure Services

Bachelor of Science/Bachelor of Arts Degree

CIP 31.0301

University Studies Requirements 43-48 hrs

(see Chapter 4, University Studies Requirements)

Note: At least a *C* average is required in ENG 101 and 102.

University Studies selections must include:

•*Communication and Basic Skills:*

COM 161 Introduction to Public Speaking

or

COM 181 Introduction to Interpersonal Communication

•*Social Sciences:*

PSY 180 General Psychology

•*University Studies Electives:*

ENG 224 Writing in the Professions

Required Courses 36 hrs

REC 099 Freshman Orientation

REC 101 Introduction to Recreation and Leisure Services

HEA 191 Personal Health

REC 202 Recreation Program Planning

REC 207 Inclusive Recreation

REC 295 Wilderness First Aid Basics

REC 401 Research and Evaluation in Recreation

REC 403 Managing Recreation Areas and Facilities

REC 405 Organization and Administration of Recreation

REC 421 Professional Experience

REC 520 Leisure and Aging

Outdoor Concentration 23 hrs

REC 150 Seminar in Recreational Activities

REC 302 Advanced Program Leadership

REC 304 Community Leadership

REC 411 Principles of Challenge Education

REC 450 Recreational Use of Natural Resources

REC 465 Interpretive Services in Park Management

REC 499 Senior Seminar

Six hours from the following courses with a maximum of three hours coming from one-hour REC courses: REC 102, 129, 162, 163, 164, 311, 350, and 490.

Required Minor 21 hrs

Total Curriculum Requirements 123-128 hrs

Recreation and Leisure Services Minor 23 hrs

REC 101, 202, 207, 405, 450 and eight hours from the following: REC 150, 302, 304, 311, 350, 401, 403, 411, 465, 476, 490, 499, 515, and 520. Six hours must be upper-level courses completed in residence at Murray State University.

Youth and Nonprofit Leadership

A minor in youth and nonprofit leadership prepares students for leadership roles in organizations like the American Red Cross, the Boys and Girls Clubs of America, the YMCA, hospitals, colleges and ministries to mention several. It is designed to include competencies in program development, supervision, public relations, and finance to mention a few. Most of the classes involve a service learning project and can help students earn the designation of Service Learning Scholar at graduation. The nonprofit sector is the fastest growing sector in the country.

Youth and Nonprofit Leadership Minor 25 hrs

YNL 290, 350, 351, 400, 450, 502 and six hours of limited electives. A student may choose an emphasis in youth program administration or community program administration. Six hours must be upper-level courses completed in residence at Murray State University.