

# COLLEGE OF BEHAVIORAL AND HEALTH SCIENCES

*Harold D. Whiteside, Dean*

*Scott Colclough, Interim Associate Dean*

*Brelinda Johnson, Advising Manager*

*Helen Gleason, Nursing Academic Advisor*

*Joan Howell, Nursing Online Academic Advisor*

*Angel Bowman, Graduation Coordinator*

The College of Behavioral and Health Sciences focuses on preparing research-based service providers through its five departments and one school. The college enhances academic quality through faculty involving students in learning activities to meet civic needs while simultaneously achieving course objectives. Service founded upon research is an over-arching commonality and unifying thread among the units in the college. All academic units within the College of Behavioral and Health Sciences offer a variety of programs that seek to prepare graduates to be competitive in the respective discipline-related professions.

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## **Criminal Justice Administration**

### **Lance Selva, Interim Chair**

**Harms, Jurkanin, Powell, Quinn, Rogers, Shulman, Smith, Wade, Wilkins**

Courses in the Department of Criminal Justice Administration provide students with a well-rounded curriculum designed to meet the academic needs of those seeking careers in law enforcement, courts, and corrections as well as those already employed in the criminal justice system and related agencies.

A major in Criminal Justice Administration offers a foundation in liberal arts, a deep and broad knowledge of criminal justice, and an educational background uniquely tailored for each student pursuing a career in the criminal justice system. The student seeking a major in Criminal Justice Administration may choose either a Bachelor of Science degree in Criminal Justice, Criminal Justice with a concentration in Law Enforcement, or Criminal Justice with a concentration in Homeland Security. The concentration in Law Enforcement is designed for those with career goals or an interest in law enforcement at the local, state, and federal levels. The concentration in Homeland Security is designed for those seeking homeland security-related careers. The department offers a minor in Homeland Security. The department also participates in the Forensic Science interdisciplinary major in conjunction with the Biology and Chemistry departments.

### **Graduate Study**

Requirements for the Master of Criminal Justice degree offered in conjunction with TSU and a list of the courses offered for graduate credit are published in the Graduate Catalog.

## **Criminal Justice Administration Minor**

### **Department of Criminal Justice Administration**

A minor in Criminal Justice Administration requires 18 semester hours. CJA 4300 may **not** be used for the 9 hours of electives, but may be taken by minors.

### **Required Courses (9 hours)**

- CJA 1100 - Introduction to Criminal Justice Administration **3 credit hours**
- CJA 2200 - Prevention and Control of Crime **3 credit hours**
- CJA 2400 - The Judicial Process **3 credit hours** OR
- CJA 2600 - Corrections **3 credit hours**

### **Electives (9 hours)**

- 9 hours of criminal justice upper-division electives

## **Criminal Justice Administration, B.S.**

**Department of Criminal Justice Administration**

**615-898-2630**

**Lance Selva, program coordinator**

**Lance.Selva@mtsu.edu**

Requirements for the major in Criminal Justice Administration include

1. 48 semester hours of criminal justice courses including the required core courses CJA 1100, CJA 2200, CJA 2400, CJA 2600, CJA 3200, CJA 3400;
2. 30 hours of CJA courses (as advised);
3. 13 hours of general electives (as advised);
4. a minor of 18 hours (if minor requires more or less hours, adjustment will be made within general electives).

In order to graduate, all Criminal Justice majors must earn a grade of at least a C (2.00) in all core CJA courses: CJA 1100, CJA 2200, CJA 2400, CJA 2600, CJA 3200, and CJA 3400.

## **Curriculum: Criminal Justice Administration**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

**Following is a suggested pattern of study; however, consultation with the assigned advisor is necessary before each registration.**

### **Freshman**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- CJA 1100 - Introduction to Criminal Justice Administration **3 credit hours**
- CJA 2200 - Prevention and Control of Crime **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- Humanities and/or Fine Arts **6 credit hours**
- Mathematics (Math) **3 credit hours**

**Choose 6 hours from:**

- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

### **Subtotal: 30 Hours**

### **Sophomore**

- CJA 2400 - The Judicial Process **3 credit hours**
- CJA 2600 - Corrections **3 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- Natural Sciences (2 prefixes) **8 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- CJA electives **6 credit hours**
- Minor course **3 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)

**Subtotal: 32 Hours****Junior**

- CJA 3400 - Constitutional Issues and Criminal Justice **3 credit hours \***
- Minor courses **12 credit hours**
- CJA electives **15 credit hours**

**Subtotal: 30 Hours****Senior**

- CJA 3200 - Research Methods with Computer Technology **3 credit hours \***
- Minor course **3 credit hours**
- CJA electives **9 credit hours**
- General guided electives **13 credit hours**

**Subtotal: 28 Hours****NOTE:**

*\*Prerequisites: Junior or senior standing and successful completion (at least a C) of the first core courses: CJA 1100, CJA 2200, CJA 2400, and CJA 2600.*

**Total hours in program: 120****Academic Map**

Following is a printable, suggested four-year schedule of courses:  
**Criminal Justice Administration, B.S., Academic Map**

# **Criminal Justice Administration, Homeland Security Concentration, B.S.**

**Department of Criminal Justice Administration**

**615-898-2630**

**Lance Selva, program coordinator**

**Lance.Selva@mtsu.edu**

Requirements for the major in Criminal Justice Administration include

1. 48 semester hours of criminal justice courses including the required core courses CJA 1100, CJA 2200, CJA 2400, CJA 2600, CJA 3200, CJA 3400;
2. 15 hours from the following: CJA 3750, CJA 4850, CJA 4870; 6 hours from CJA 3250, CJA 3900, CJA 4330, CJA 4860; and 15 hours of CJA guided electives;
3. 13 hours of general electives (as advised);
4. a minor of 18 hours (if minor requires more or less hours, adjustment will be made within general electives).

In order to graduate, all Criminal Justice majors must earn a grade of at least a C (2.00) in all core CJA courses: CJA 1100, CJA 2200, CJA 2400, CJA 2600, CJA 3200, and CJA 3400.

## **Curriculum: Criminal Justice Administration, Homeland Security**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

**Following is a suggested pattern of study; however, consultation with the assigned advisor is necessary before each registration.**

### **Freshman**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- CJA 1100 - Introduction to Criminal Justice Administration **3 credit hours**
- CJA 2200 - Prevention and Control of Crime **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- Humanities and/or Fine Arts **6 credit hours**
- Mathematics **3 credit hours**

**Choose 6 hours from:**

- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 30 Hours**

### **Sophomore**

- CJA 2400 - The Judicial Process **3 credit hours**
- CJA 2600 - Corrections **3 credit hours**
- CJA 3750 - Terrorism and Criminal Justice **3 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- Natural Sciences (2 prefixes) **8 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- CJA Homeland Security elective\* **3 credit hours**

- Minor course **3 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)

**Subtotal: 32 Hours**

**Junior**

- CJA 3400 - Constitutional Issues and Criminal Justice **3 credit hours** \*\*
- CJA 4850 - Private and Industrial Security **3 credit hours**
- CJA 4870 - Security Law **3 credit hours**
- CJA Homeland Security elective\* **3 credit hours**
- CJA electives **6 credit hours**
- Minor courses **12 credit hours**

**Subtotal: 30 Hours**

**Senior**

- CJA 3200 - Research Methods with Computer Technology **3 credit hours** \*\*
- CJA electives **9 credit hours**
- General guided electives **13 credit hours**
- Minor course **3 credit hours**

**Subtotal: 28 Hours**

**NOTE:**

*\*CJA majors with Homeland Security concentration must fulfill the 15-hour requirement.*

*\*\*Prerequisites: Junior or senior standing and successful completion (at least a C) of the first core courses: CJA 1100, CJA 2200, CJA 2400, and CJA 2600.*

**Total hours in program: 120**

**Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Criminal Justice Administration, Homeland Security, B.S., Academic Map**

# **Criminal Justice Administration, Law Enforcement Concentration, B.S.**

**Department of Criminal Justice Administration**

**615-898-2630**

**Lance Selva, program coordinator**

**Lance.Selva@mtsu.edu**

Requirements for the major in Criminal Justice Administration include

1. 48 semester hours of criminal justice courses including the required core courses CJA 1100, CJA 2200, CJA 2400, CJA 2600, CJA 3200, CJA 3400;
2. 15 hours from the following: CJA 2900, CJA 3230, CJA 3250, CJA 4220, CJA 4260, CJA 4330, CJA 4340, CJA 4530 and 15 hours from CJA courses (as advised);
3. 13 hours of general electives (as advised);
4. a minor of 18 hours (if minor requires more or less hours, adjustment will be made within general electives).

In order to graduate, all Criminal Justice majors must earn a grade of at least a C (2.00) in all core CJA courses: CJA 1100, CJA 2200, CJA 2400, CJA 2600, CJA 3200, and CJA 3400.

## **Curriculum: Criminal Justice Administration, Law Enforcement**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

**Following is a suggested pattern of study; however, consultation with the assigned advisor is necessary before each registration.**

### **Freshman**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- CJA 1100 - Introduction to Criminal Justice Administration **3 credit hours**
- CJA 2200 - Prevention and Control of Crime **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- Humanities and/or Fine Arts **6 credit hours**
- Mathematics (Math) **3 credit hours**

**Choose 6 hours from:**

- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 30 Hours**

### **Sophomore**

- CJA 2400 - The Judicial Process **3 credit hours**
- CJA 2600 - Corrections **3 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- CJA Law Enforcement electives\* **6 credit hours**

- Social/Behavioral Sciences **3 credit hours**
- Natural Sciences (2 prefixes) **8 credit hours**
- Minor course **3 credit hours**

**Subtotal: 32 Hours**

**Junior**

- CJA 3400 - Constitutional Issues and Criminal Justice **3 credit hours \*\***
- CJA Law Enforcement elective\* **9 credit hours**
- CJA electives **6 credit hours**
- Minor courses **12 credit hours**

**Subtotal: 30 Hours**

**Senior**

- CJA 3200 - Research Methods with Computer Technology **3 credit hours \*\***
- CJA elective **9 credit hours**
- Minor course **3 credit hours**
- General guided electives **13 credit hours**

**Subtotal: 28 Hours**

**NOTE:**

*\*CJA majors with Law Enforcement concentration must fulfill the 15 hour requirement.*

*\*\*Prerequisites: Junior or senior standing and successful completion (at least a C) of the first core courses: CJA 1100, CJA 2200, CJA 2400, and CJA 2600.*

**Total hours in program: 120**

**Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Criminal Justice Administration, Law Enforcement, B.S., Academic Map**

## **Homeland Security Minor**

### **Department of Criminal Justice Administration**

The minor in Homeland Security provides the complementary knowledge and educational foundation for students seeking careers in their uniquely chosen majors with homeland security concerns. Topics include the operation of the criminal justice system, the methods and effects of terrorism, the means of providing security against terrorist acts in public and private businesses and industries, and the legal treatment of terrorist acts including detection, investigation, prosecution, and constitutional issues. Only non-Criminal Justice Administration majors may minor in Homeland Security.

### **Required Courses (12 hours)**

- CJA 1100 - Introduction to Criminal Justice Administration **3 credit hours**
- CJA 3750 - Terrorism and Criminal Justice **3 credit hours**
- CJA 4850 - Private and Industrial Security **3 credit hours**
- CJA 4860 - Security Administration **3 credit hours** OR
- CJA 4870 - Security Law **3 credit hours**

### **Guided Electives (6 hours)**

- CJA 3250 - Criminal Law **3 credit hours**
- CJA 3400 - Constitutional Issues and Criminal Justice **3 credit hours**
- CJA 3900 - Organized and White-Collar Crime **3 credit hours**
- CJA 4330 - Criminal Investigations **3 credit hours**

## **Criminal Justice Administration**

### **CJA 1100 - Introduction to Criminal Justice Administration**

#### **3 credit hours**

Survey of the criminal justice system; philosophy and history of criminal justice agencies; analysis of the problems and needs of agencies involved in the criminal justice process; survey of professional career opportunities.

### **CJA 2100 - Criminal Theory**

#### **3 credit hours**

Introduction to crime theory and criminal justice policies. Topics include biological, psychological, and sociological studies of crime and policies adopted by the criminal justice system in response to crime theory.

### **CJA 2200 - Prevention and Control of Crime**

#### **3 credit hours**

The police function; an analysis of crime prevention and control; major problems and needs of the law enforcement segment of the criminal justice system.

### **CJA 2400 - The Judicial Process**

#### **3 credit hours**

(Same as FSCJ 2400.) The structure and function of the judicial system; the major problems and needs of the judicial segment of the criminal justice system; major emphasis on the basic concepts of criminal law and administration.

### **CJA 2600 - Corrections**

#### **3 credit hours**

History of the development of corrections in Europe and America; survey of current prison conditions and operations, including pre-release, probation, and parole.

### **CJA 2900 - Practicum in Law Enforcement**

#### **6 credit hours**

Practicum. (Specialized Instruction, Tennessee Law Enforcement Training Academy, Donelson.) In addition to normal tuition and fees, students will also be required to pay room and board costs at the Academy. Open only to pre-service seniors. Arrangements to take this course should be made with the department chair at least one semester in advance so that the student can be enrolled in the academy.

### **CJA 3200 - Research Methods with Computer**

#### **Technology**

#### **3 credit hours**

Prerequisites: CJA 1100 CJA 2200, CJA 2400, and CJA 2600 or permission of instructor; junior or senior standing. Overview of scientific research methods in criminal justice with emphasis on computer technology to conduct research and interpretation and analysis on various statistical data.

### **CJA 3220 - Ethics in Criminal Justice**

#### **3 credit hours**

Principles of justice and ethics. Covers ethics and law, police and ethical standards, ethics and the courts, and correctional ethics.

### **CJA 3230 - Police Organization and Administration**

#### **3 credit hours**

Principles of organization and personnel management, line staff and auxiliary functions; the police organization and the individual; planning, research, and development; political controls on authority and jurisdiction; professionalization of the police.

### **CJA 3250 - Criminal Law**

#### **3 credit hours**

Prerequisite: CJA 1100. Theories and principles of the body of substantive criminal law. Covers the elements of the range of criminal law offenses.

### **CJA 3400 - Constitutional Issues and Criminal Justice**

#### **3 credit hours**

Prerequisites: CJA 1100 CJA 2200, CJA 2400, and CJA 2600 or permission of instructor; junior or senior standing. Development of Constitutional and procedural controls of the administration of criminal justice. Constitutional limits on law enforcement agencies including the laws of arrest, search and seizure, admissions and confessions, and eavesdropping; on pre-trial and trial procedures, on past conviction processes. Emphasis on current U.S. Supreme Court decisions.

### **CJA 3450 - Legal Issues in Corrections**

#### **3 credit hours**

Prerequisite: CJA 1100 or permission of instructor. Legal issues concerning the constitutional rights of convicted offenders. Topics include impact of court decisions upon correctional personnel and administration; use of force; rights of visitation; use of

mail, solitary confinement, religion, legal services; probation and parole regulations; right to treatment; and civil liabilities of correctional officials.

**CJA 3500 - Criminal Courts: Structure, Personnel, and Processes**

**3 credit hours**

Prerequisites: CJA 1100 and CJA 2400. Role of the criminal courts in our criminal justice system with a focus on structures, personnel, and processes. Various job opportunities and placement qualifications discussed.

**CJA 3630 - Probation and Parole**

**3 credit hours**

An analysis of the history, theory, philosophy, and function of probation, parole, and pardon; evaluation of the effectiveness of the individual in the community; usage of pre-sentence investigation; selection, supervision, and release of probationers and parolees.

**CJA 3650 - Correctional Management**

**3 credit hours**

Prerequisites: CJA 1100 and CJA 2600 or permission of instructor. Comprehensive overview of management issues in both institutional and community corrections. Topics include organizational theory; planning, programming, and budgeting; policy analysis, program evaluation, information systems and technology; facilities management; offender classification systems; treatment programs; management of special offender populations; personnel issues.

**CJA 3700 - Women, Crime, and Justice**

**Administration**

**3 credit hours**

Explores the experience of women in the criminal justice system as victims of violence and as criminal justice employees and prisoners. Focus on gender-based differences in the experience of criminal justice from historical, economic, and professional perspectives.

**CJA 3750 - Terrorism and Criminal Justice**

**3 credit hours**

Prerequisite: CJA 1100 or permission of instructor. Meaning, history, purposes, and incidents of terrorism. Emphasis on terrorist acts as crimes along with the unique role of law enforcement in the detection, prevention, investigation, and prosecution of the crimes. Legislative, constitutional, and legal

issues surrounding law enforcement, courts, and corrections explored.

**CJA 3900 - Organized and White-Collar Crime**

**3 credit hours**

Prerequisite: CJA 1100. Explores emergent and historical treatments of white collar and organized crime, with an emphasis on theoretical, etiological, and enforcement typologies in both the criminological and criminal justice literatures. Advent of several high-profile connections between traditionally distinct organized and white-collar crimes emphasized.

**CJA 4220 - Community Relations and Minority**

**Problems**

**3 credit hours**

Analysis of public hostility toward police and current community relations projects, human relations, training and education of law enforcement officers; responsibilities of police administrators, causes of tension and conflict, dissent and disorder, positive and negative factors in the control of minority group hostilities; minority recruitment in law enforcement.

**CJA 4260 - Special Issues in Law Enforcement**

**3 credit hours**

A variety of subtopics related to the law enforcement segment of the criminal justice system such as problems in private and public morality with regard to drug use, alcoholism, and sex offenses; analysis of current police training programs; relationship between legislation and political processes which affect law enforcement.

**CJA 4300 - Criminal Justice Internship**

**9 credit hours**

Prerequisite: Permission of instructor. (Open only to pre-service seniors, e.g., those preparing for a career in the criminal justice field who are not currently employed by a criminal justice agency and restricted to Criminal Justice Administration majors and minors.) Field placement in a criminal justice agency to provide practical understanding and experience in the field. A minimum of 320 clock hours required.

**CJA 4330 - Criminal Investigations**

**3 credit hours**

(Same as FSCJ 4330.) Prerequisite: For Forensic Science majors or Criminal Justice Administration majors or minors or with permission of instructor. General investigative responsibilities and techniques including administration, preparation, investigative

jurisdiction and responsibility, and the importance of substantive report writing.

#### **CJA 4340 - Crime Scene Investigation**

##### **3 credit hours**

(Same as FSCJ 4340.) Prerequisite: CJA 4330 or FSCJ 4330. Advanced approach to the various elements of criminal investigations. Provides simulated investigative experiences through the use of mock crime scenes. Emphasis on preparing students for a career in law enforcement.

#### **CJA 4350 - Homicide Investigations**

##### **3 credit hours**

Prerequisites: CJA 1100 and CJA 4330 or permission of instructor. Evidence analysis, suspect development, crime scene reconstruction, criminal profiling, and legal issues involved in homicide crime scenes. Emphasis placed primarily on the perspective of the criminal investigator, but impact of rules of criminal evidence also addressed.

#### **CJA 4500 - The Juvenile Justice System**

##### **3 credit hours**

The problem of juvenile delinquency and youth crime with emphasis on the history of the juvenile justice system, the court and police role within the system, rehabilitation and correction of the delinquent, and juvenile probation services. Alternatives to traditional procedures, such as community-based programs versus correctional institutions, and non-judicial and judicial adjustment examined.

#### **CJA 4530 - Criminal Evidence and Procedures**

##### **3 credit hours**

(Same as FSCJ 4530.) Designed to develop an understanding of the types of individuals and problems of admissibility in court proceedings, the proper treatment and disposition of evidence, the legal procedure to be followed, and the actual trial procedure.

#### **CJA 4750 - Seminar in Corrections**

##### **3 credit hours**

Each student required to select a problem area of interest for an intensive research effort. The group will be presented with a contemporary corrections issue or problem and will be required to create practical and workable strategies for coping with the issue.

#### **CJA 4800 - Crime in America: An Assessment**

##### **3 credit hours**

An in-depth survey of the impact of crime on

American society; the amount and trends of crime, the economic impact of crime, professional and white collar crime, characteristics of offenders, and victims of crime.

#### **CJA 4850 - Private and Industrial Security**

##### **3 credit hours**

Examines the relationships among the criminal justice system, homeland security, and private and industrial security including historical roots and mutual concerns. Covers terrorist acts, internal theft, white-collar crime, retail security, institutional security, cargo and computer security as well as the role of the criminal justice system in prevention and investigation.

#### **CJA 4860 - Security Administration**

##### **3 credit hours**

The placement of the security function within an organization. The role of the security manager in developing a program to protect assets and reduce illegal losses, to protect against acts of terrorism, and to provide protection for personnel. The application of management techniques to the operation of the organization's security division, including personnel recruitment and selection. Development of security survey techniques, identification of security risks, and techniques used to eliminate opportunities for theft, other crimes, and terrorist acts.

#### **CJA 4870 - Security Law**

##### **3 credit hours**

An analysis of the legal background of private and proprietary security. Critical current legal issues in the private security field including terrorism issues. Legal and cooperative relationships between private and proprietary security operations and public law enforcement agencies.

#### **CJA 4900 - Readings in Criminal Justice**

##### **Administration**

##### **3 credit hours**

Prerequisite: Open only to Criminal Justice Administration majors and minors. For the advanced student who is capable of independent study. Readings in a particular area of criminal justice relevant to the individual student's interests. Preparation of an annotated bibliography and report required. Arrangements for this course should be made with the instructor prior to registration.

**CJA 4930 - International Criminal Justice****3 credit hours**

Prerequisite: CJA 1100 or permission of instructor. Compares the American criminal justice system with those in other countries. Examines historical origins, structural differences, and varying degrees of effectiveness and efficiency in law enforcement, courts, and corrections in selected nations. Explores challenges posed by the globalization of crime and terrorism.

**Forensic Science - Criminal Justice****FSCJ 2400 - Judicial Process****3 credit hours**

(Same as CJA 2400.) The structure and function of the judicial system; the major problems and needs of the judicial segment of the criminal justice system; major emphasis on the basic concepts of criminal law and administration. Three hours lecture.

**FSCJ 4330 - Criminal Investigations****3 credit hours**

(Same as CJA 4330.) Prerequisites: Forensic Science major. General investigative responsibilities and techniques including administration, preparation, investigative jurisdiction and responsibility, and the importance of substantive report writing. Three hours lecture

**FSCJ 4340 - Crime Scene Investigation****3 credit hours**

Prerequisite: FSCJ 4330. Advanced approach to the various elements of criminal investigations. Provides simulated investigative experiences through the use of mock crime scenes. Three hours lecture.

**FSCJ 4530 - Criminal Evidence and Procedures****3 credit hours**

(Same as CJA 4530.) Designed to develop an understanding of the types of individuals and problems of admissibility in court proceedings; the proper treatment and disposition of evidence; the legal procedure to be followed; and the actual trial procedure. Three hours lecture.

## **Health and Human Performance**

### **Doug Winborn, Interim Chair**

Adams, Armstrong, Barry, Bates, Belcher, Binkley, Borendame, Breeden, Caputo, Colclough, Conners, Coons, Corlew, Craze, Davis, Dunlap, Edwards, Estes, Farley, Fischer, Godwin, Gray, Hall, Harris, Higginbotham, Insell, Josey, Jubenville, Kang, Lee, Mallett, Matlock, Matusek, McGuire, Meade, Morgan, Motluck, Neal, Ness, Owusu, Peck, Phillips, Ragan, Ramos, Rhoden, Richards, Riley, Shea, Shelar, Smith, Stevens, Stewart, Stockstill, Vroman, Weatherby, Whitehill, Wrye

The Department of Health and Human Performance offers students the opportunity to prepare for professional careers as teachers of health and of physical education; as fitness professionals in corporate and social agencies; as leisure, sport, and tourism professionals in a wide range of settings; as health professionals in schools, industry, and allied areas; and as athletic trainers.

Programs in the department lead to the Bachelor of Science degree with majors in Community and Public Health; Athletic Training; Leisure, Sport, and Tourism Studies; Physical Education; and Exercise Science. Persons majoring in Community and Public Health may select from concentrations in Public Health and Health Education and Lifetime Wellness. The department also houses the Speech-Language Pathology and Audiology concentration.

Those interested in a minor in the field can select courses accordingly. Minors in Athletic Coaching and Officiating; Driver and Traffic Safety Education; Health; Health and Physical Education; Health and Human Performance; and Leisure, Sport, and Tourism Studies are available.

### **MTSU Speech-Language and Hearing Clinic**

The Speech-Language and Hearing Clinic is open to all students at the University in need of speech, language, and hearing diagnosis and therapy. There is no charge to MTSU students for this service. Diagnostic and therapeutic services for persons in the midstate area with speech-language and hearing problems are also provided for a nominal fee. Students in the Speech-Language Pathology and Audiology concentration work in the clinic under the direct supervision of faculty members certified by the American Speech-Language-Hearing Association.

### **Graduate Study**

The department offers the Master of Science in Exercise Science; Health and Human Performance with concentrations in Health and Physical Education; and Leisure and Sport Management with concentrations in Recreation and Leisure Services and Sport Industry. A Ph.D. in Human Performance is offered with specializations available in exercise science, health, leisure studies, physical education, or kinesmetrics. Degree requirements and a list of courses offered for graduate credit are published in the Graduate Catalog.

## **Athletic Coaching and Officiating Minor**

### **Department of Health and Human Performance**

The Athletic Coaching and Officiating minor requires 15 semester hours.

### **Required Courses (12 hours)**

- ATHC 2710 - Coaching and Officiating Fall Intramurals **2 credit hours** OR
- ATHC 2720 - Coaching and Officiating Spring Intramurals **2 credit hours**
- PHED 1200 - Beginning Weight Training **1 credit hour** OR
- PHED 1300 - Personal Conditioning **1 credit hour**
- ATHC 3910 - Athletic Coaching and Officiating **3 credit hours**
- ATHC 4060 - Sport Psychology **3 credit hours** OR
- ATHC 4690 - Psychology of Coaching and Officiating **3 credit hours**
- ATHC 4800 - Administration of High School and College Athletics **3 credit hours**

### **Elective (3 hours)**

- 3 semester hours of professional courses related to specific coaching area(s)

## Athletic Training, B.S.

Department of Health and Human Performance

615-904-8453

Bill Whitehill, program coordinator

William.Whitehill@mtsu.edu

The Athletic Training Program consists of four academic years and is a **limited enrollment** program. The program's academic and clinical foundation is based upon the National Athletic Trainer's Association Educational Competencies and the Commission on Accreditation of Athletic Training Education accreditation standards and guidelines for entry-level athletic training education programs. The program consists of 120 credit hours, which include General Education, athletic training core courses, and major auxiliary courses. Students enter the program as pre-athletic training majors and must complete the first year of pre-athletic training curriculum consisting of General Education and athletic training prerequisite courses. Students then make formal application for admission to the last three years, which includes 62 hours of athletic training courses. When a student applies for admission and is accepted, the student is then classified as an Athletic Training major. Transfer students are evaluated on an individual basis and substitutions made at the discretion of the Athletic Training Program faculty based on Accreditation standards and guidelines. The number of students accepted into the program is limited, making the application process competitive. Students seeking admission to the program must have a 2.50 cumulative grade point average. The application process includes the following:

- completion of a formal application, which includes three letters of recommendation;
- successful completion of ATHT 3570 and ATHT 3580 and BIOL 2010/BIOL 2011 with a minimum grade of B- in each;
- successful completion of pre-program clinical observations as part of ATHT 3570;
- successful completion of pre-program clinical proficiencies;
- successful completion of a minimum of 24 credit hours;
- interview with Athletic Training program admission committee.

After students have met the admission requirements, acceptance is based upon weighted criteria. Meeting minimal admission requirements does not guarantee admission to the program.

All students must sign a technical standards document as part of the application process. This document is attached to the program application form and is in the Athletic Training education program manual.

Once a student is admitted, he/she must follow a prescribed course of study, which includes both academic and clinical courses. Students must maintain a cumulative grade point average of 2.50. Students must achieve a B- or better in all ATHT courses and a C- or better in BIOL 2020/BIOL 2021; NFS 1240; EXSC 4240, EXSC 4260, EXSC 4830 ; and the natural sciences to continue in the program. If a student does not achieve a B- or better in an ATHT course and a C- or better in the above courses he/she must retake the course.

Only admitted students are allowed to register for athletic training clinical courses (ATHT 3000, ATHT 3001, ATHT 3002, ATHT 3003, ATHT 4430, ATHT 4950, and ATHT 4990). These courses require a structured clinical rotation under an approved clinical instructor/supervisor. Clinical courses provide the student with a variety of athletic training experiences including contact-collision, collision, and non-contact sports for males and females in the collegiate, high school, and professional sport environment. Students also take a practicum (ATHT 4430) in athletic training at the completion of their junior year, which requires a clinical rotation in a non-traditional sport environment (i.e., sports medicine clinic, physical therapy clinic). Students must complete all clinical courses with a minimum grade of B- or better. If a student fails to get a minimum grade of B-, the student cannot matriculate on to the next clinical course. The student will be on leave from the clinical portion of the program for one year. The student can, however, continue taking academic coursework that does not require clinical courses as co-requisites or prerequisites **upon approval of the program director**. A student must successfully pass ATHT 3000 ATHT 3001, ATHT 3002, and ATHT 3003 with a B- or better before continuing on to ATHT 4950 and the semi-independent field experience.

Matriculation and progression each year in the Athletic Training program depends on successful completion of a comprehensive written and oral examination scoring 80 percent or better. The exam is given at the end of the spring semester of the first and second year. Each student will be given three attempts to successfully complete these exams; failure to score 80 percent or higher after three attempts will result in remediation. The student must meet with the athletic training program faculty and the designation of specific course work will be identified for the student to retake in order to learn and master the material.

Students must have a minimum overall GPA of 2.50 to graduate from the program. Upon successful completion of the program, graduates are awarded a B.S. in Athletic Training and become eligible to sit for the Board of Certification Examination (BOC) for the Athletic Trainer.

## **Curriculum: Athletic Training**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### **Pre-Athletic Training Program**

#### **Freshman Fall**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ATHT 3580 - Prevention and Care of Athletic Injuries **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- BIOL 2010 - Human Anatomy and Physiology I **4 credit hours** (Nat Sci) AND
- BIOL 2011 - Human Anatomy and Physiology I Lab **0 credit hours** (Nat Sci)
- MATH 1530 - Applied Statistics **3 credit hours** (Math) OR
- MATH 1710 - College Algebra **3 credit hours** (Math)

**Subtotal: 16 Hours**

#### **Freshman Spring**

- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- ATHT 3570 - Psychomotor Skills in Athletic Training **3 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- Humanities and/or Fine Arts **3 credit hours**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 15 Hours**

### **Application to Program and Program Admission**

### **Admitted Athletic Training Program**

#### **Sophomore Fall**

- ATHT 3000 - Clinical A in Athletic Training **3 credit hours**
- ATHT 3590 - Athletic Training Medical Documentation and Terminology **2 credit hours**
- ATHT 3980 - Introduction to Evidence-Based Medicine in Athletic Training **2 credit hours**
- ATHT 3900 - Human Structure and Movement in Sport and Injury **4 credit hours** AND
- ATHT 3901 - Human Structure and Movement in Sport and Injury Lab **0 credit hours**
- ATHT 4200 - Acute Trauma and Emergency Care in Athletic Training **4 credit hours** AND
- ATHT 4201 - Acute Trauma and Emergency Care in Athletic Training Laboratory **0 credit hours**

**Subtotal: 15 Hours**

### **Sophomore Spring**

- ATHT 3950 - Evaluation and Assessment of Injuries to the Lower Extremities **3 credit hours**
- ATHT 3001 - Clinical B in Athletic Training **3 credit hours**
- NFS 3000 - Nutrition Principles for Physical Activity and Health **3 credit hours**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**
- BIOL 2020 - Human Anatomy and Physiology II **4 credit hours** AND
- BIOL 2021 - Human Anatomy and Physiology II Lab **0 credit hours**

**Subtotal: 16 Hours**

### **Junior Fall**

- ATHT 3960 - Evaluation and Assessment of Injuries to the Upper Extremities and Thorax **3 credit hours**
- ATHT 3002 - Clinical C in Athletic Training **3 credit hours**
- ATHT 4000 - Strength, Conditioning, and Human Performance **3 credit hours**
- ATHT 4500 - Therapeutic Medications and Ergogenic Aids in Sports **3 credit hours** OR
- ATHT 4820 - Organization and Administration of Athletic Training **3 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)

**Subtotal: 15 Hours**

### **Junior Spring**

- ATHT 4960 - Rehabilitation Techniques **4 credit hours**
- ATHT 3003 - Clinical D in Athletic Training **3 credit hours**
- EXSC 3830 - Physiology of Exercise **4 credit hours** AND
- EXSC 3831 - Physiology of Exercise Lab **0 credit hours**
- ATHT 4970 - Therapeutic Modalities **4 credit hours** AND
- ATHT 4971 - Therapeutic Modalities Lab **0 credit hours**

**Subtotal: 15 Hours**

### **Senior Fall**

- ATHT 4500 - Therapeutic Medications and Ergogenic Aids in Sports **3 credit hours** OR
- ATHT 4820 - Organization and Administration of Athletic Training **3 credit hours**
- ATHT 4950 - Pathology of Sport Illness and Consideration of Special Populations **3 credit hours**
- ATHT 4980 - Advanced Evidence-Based Medicine in Athletic Training **3 credit hours**
- PSY 1410 - General Psychology **3 credit hours** (Soc/Beh Sci)
- Humanities and/or Fine Arts **3 credit hours**

**Subtotal: 15 Hours**

### **Senior Spring**

- ATHT 4975 - Psychosocial Aspects of Sport, Health, and Rehabilitation **3 credit hours**
- ATHT 4990 - Senior Seminar in Athletic Training **3 credit hours**
- ATHT guided elective **3 credit hours**
- PHYS 2010 - Non-Calculus-Based Physics I **0 credit hours** AND
- PHYS 2011 - Physics Problems Laboratory I **4 credit hours**  
OR
- CHEM 1110 - General Chemistry I **4 credit hours** AND
- CHEM 1111 - General Chemistry I Lab **0 credit hours**

**Subtotal: 13 Hours**

**Total hours in program: 120**

## **Athletic Training Program Costs**

Athletic training students pay the same fee schedules as do all other undergraduate students at the University. These fees are described in detail elsewhere in this catalog. Additional expenses incurred by athletic training students include

1. the cost of a uniform package - varies in price (yearly);
2. liability insurance - \$35 (yearly);
3. membership into the National Athletic Trainer's Association (yearly);
4. maintenance of professional rescuer CPR (yearly);
5. verification of immunization;
6. their own transportation to and from clinical sites including, but not limited to, vehicle and fuel costs.
7. the cost of a background check, if required by the clinical site.

Clinical sites may be assigned to a student within a 60-mile radius of the MTSU main campus. Students are required to have a minimum of four off-campus clinical rotations, with a maximum of six off-campus clinical rotations, to complete the clinical component of the Athletic Training Program.

## **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Athletic Training, B.S., Academic Map**

# **Community and Public Health, Health Education and Lifetime Wellness Concentration, B.S.**

## **Health and Human Performance**

**615-898-5878**

**Andrew Owusu, program coordinator**

**Andrew.Owusu@mtsu.edu**

The major in Community and Public Health provides basic experiences for those interested in preparing for numerous health and health-related professions. Persons majoring in Community and Public Health may choose from two concentrations: Public Health and Health Education and Lifetime Wellness. Those seeking teacher licensure will complete a Secondary Education minor.

The Health Education and Lifetime Wellness concentration is designed to prepare lifetime wellness instructors for grades 9-12. In consultation with an advisor, the student will include the curriculum below.

## **Curriculum: Community and Public Health, Health Education and Lifetime Wellness**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### **Freshman**

- HLTH 3320 - Community and Public Health **3 credit hours**
- Humanities and/or Fine Arts **6 credit hours**
- Social/Behavioral Sciences **6 credit hours** (HLTH 1530/1531 rec.)
- Natural Sciences **4 credit hours** (BIOL 1030/1031 rec.)
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)

**Choose 3 hours from:**

- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 31 Hours**

### **Sophomore**

- BIOL 2030 - Anatomy and Physiology **3 credit hours** AND
- BIOL 2031 - Anatomy and Physiology Lab **0 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- PHED 1190 - Aerobic Dance **1 credit hour**
- PHED 1290 - Tai Chi **1 credit hour**
- NFS 1240 - Principles of Nutrition **3 credit hours**
- YOED 2500 - Planning and Assessment **3 credit hours**
- HLTH 3300 - First Aid and Safety Education **3 credit hours**

- HLTH 4300 - The School Health Program **3 credit hours**
- Natural Science **4 credit hours**
- Math **3 credit hours**
- Lifetime area of focus **1 credit hour**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 31 Hours**

### **Junior**

- HLTH 4260 - Curriculum and Teaching Methods in Health Education **3 credit hours**
- HLTH 4340 - Fitness Education for the Adult **3 credit hours**
- HLTH 4360 - Teaching Human Sexuality **3 credit hours**
- PHED 1270 - Yoga **1 credit hour**
- PHED 1280 - Beginning Pilates **1 credit hour**
- PHED 3720 - Fitness Education K-12 **3 credit hours**
- PHED 3900 - Adapted Physical Education **3 credit hours**
- PHED 3930 - Concepts and Tactics of Teaching Games **2 credit hours**
- YOED 3000 - Classroom Management **3 credit hours**
- YOED 3300 - Problem-Based Instructional Strategies **3 credit hours**
- Lifetime area of focus courses **6 credit hours**

**Subtotal: 31 Hours**

### **Senior**

- YOED 4020 - Residency I: Grades K-12 **6 credit hours**
- YOED 4400 - Residency II **12 credit hours**
- HLTH 4400 - Drugs and Violence in Health Education **3 credit hours**
- Lifetime area of Focus courses **6 credit hours**

**Subtotal: 27 Hours**

**Total hours in program: 120**

### **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Community and Public Health, Health Education and Lifetime Wellness, B.S., Academic Map**

# Community and Public Health, Public Health Concentration, B.S.

**Department of Health and Human Performance**

**615-615-898-5878**

**Andrew Owusu, program coordinator**

**Andrew.Owusu@mtsu.edu**

The major in Community and Public Health provides basic experiences for those interested in preparing for numerous health and health-related professions. Persons majoring in Community and Public Health may choose from two concentrations: Public Health and Health Education and Lifetime Wellness. Those seeking teacher licensure will complete a Secondary Education minor.

The Community and Public Health major, approved by SABPAC (SOPHE/AAHE Baccalaureate Program Approval Committee), is designed to prepare health educators in community and public health strategies so that they may influence changes in public health practice for individuals, organizations, and/or communities. In consultation with an advisor, the student will include the curriculum below.

## Curriculum: Community and Public Health, Public Health Concentration

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### Freshman

- HLTH 1530 - Health and Wellness **3 credit hours** recommended (Soc/Beh Sci) AND
- HLTH 1531 - Health and Wellness Lab **0 credit hours** recommended (Soc/Beh Sci)
- HLTH 3320 - Community and Public Health **3 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours**
- Humanities and/or Fine Arts **6 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- Natural Sciences **4 credit hours** (BIOL 1110/BIOL 1111 rec.)
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

### Subtotal: 31 Hours

### Sophomore

- BIOL 2030 - Anatomy and Physiology **3 credit hours** AND
- BIOL 2031 - Anatomy and Physiology Lab **0 credit hours**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- Natural Science **4 credit hours**

- Math **3 credit hours**
- Public Health area of focus class **3 credit hours**
- Minor or cognate courses **6 credit hours**
- HLTH 3340 - Foundations of Health Education **3 credit hours**
- NFS 1240 - Principles of Nutrition **3 credit hours**

**Subtotal: 31 Hours**

**Junior**

- HLTH 4340 - Fitness Education for the Adult **3 credit hours**
- HLTH 4360 - Teaching Human Sexuality **3 credit hours**
- HLTH 4400 - Drugs and Violence in Health Education **3 credit hours**
- HLTH 4450 - Technology Applications **1 credit hour** AND
- HLTH 4451 - Technology Applications Lab **2 credit hours**
- HLTH 4430 - Program Planning in Health Education **3 credit hours**
- HLTH 3590 - Workshops and Instructional Methods in Health Education **3 credit hours**
- Minor or cognate course **3 credit hours**
- Public Health area of focus classes **10 credit hours**

**Subtotal: 31 Hours**

**Senior**

- HLTH 4460 - Introduction to Epidemiology **3 credit hours**
- HLTH 4810 - Measurement and Evaluation **3 credit hours**
- HLTH 4870 - Methods of Communicating and Marketing Health Education **3 credit hours**
- Minor or cognate courses **6 credit hours**
- Public Health area of focus classes **12 credit hours**

**Subtotal: 27 Hours**

**Total hours in program: 120**

**Academic Map**

Following is a printable, suggested four-year schedule of courses:  
**Community and Public Health, Public Health, B.S., Academic Map**

## **Driver and Traffic Safety Education Minor**

### **Department of Health and Human Performance**

The minor in Driver and Traffic Safety Education requires 15 semester hours.

### **Required Courses (12 hours)**

*NOTE: SAFE courses are offered only during the Summer term.*

- PHED 3300 - First Aid and Safety Education **3 credit hours**
- SAFE 4320 - Principles of Accident Control **3 credit hours**
- SAFE 4850 - Driver and Traffic Safety Fundamentals **3 credit hours**
- SAFE 4870 - Teaching Driver and Traffic Safety **3 credit hours**

### **Elective (3 hours)**

- Select 3 hours in consultation with advisor

# **Exercise Science, B.S.**

**Department of Health and Human Performance**  
**615-898-5547**

**Jennifer Caputo, program coordinator**  
**Jenn.Caputo@mtsu.edu**

The major in Exercise Science offers preparation for positions in corporate, hospital, and public wellness and fitness centers. The program also offers preparation for students seeking graduate degrees in exercise science and allied health, cardiac rehabilitation, and physical/occupational therapy.

## **Curriculum: Exercise Science**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### **Freshman**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- Mathematics **3 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- Natural Sciences (2 prefixes) **8 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- PHED activity **1 credit hour**
- Electives **2 credit hours**
- Social/Behavioral Sciences **3 credit hours** (HLTH 1530/HLTH 1531 recommended)

**Subtotal: 29 Hours**

### **Sophomore**

- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours**
- BIOL 2010 - Human Anatomy and Physiology I **4 credit hours** AND
- BIOL 2011 - Human Anatomy and Physiology I Lab **0 credit hours**
- Elective **3 credit hours**
- ATHT 3580 - Prevention and Care of Athletic Injuries **3 credit hours**
- Elective **3 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- EXSC 3000 - Introduction to Exercise Science **3 credit hours**

**Choose 6 hours from:**

- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 31 Hours**

## **Junior**

- ATHT 3900 - Human Structure and Movement in Sport and Injury **4 credit hours** AND
- ATHT 3901 - Human Structure and Movement in Sport and Injury Lab **0 credit hours**
- BIOL 2020 - Human Anatomy and Physiology II **4 credit hours** AND
- BIOL 2021 - Human Anatomy and Physiology II Lab **0 credit hours**
- EXSC 3830 - Physiology of Exercise **4 credit hours** AND
- EXSC 3831 - Physiology of Exercise Lab **0 credit hours**
- ATHC 4060 - Sport Psychology **3 credit hours**
- EXSC 3500 - Exercise Techniques and Leadership **3 credit hours**
- EXSC 4000 - Research Seminar in Exercise Science **3 credit hours**
- EXSC 4230 - Exercise Prescription and Program Planning **3 credit hours**
- EXSC 4240 - Principles of Exercise Assessment for Healthy Populations **3 credit hours**
- Elective **2 credit hours**
- PHED activity course **1 credit hour**

**Subtotal: 30 Hours**

## **Senior**

- EXSC 4260 - Exercise Assessment and Prescription for Special Populations **3 credit hours**
- EXSC 4010 - Applied Research in Exercise Science **3 credit hours**
- Electives **9 credit hours**
- EXSC 4250 - Internship **12 credit hours** (final course)
- NFS 3000 - Nutrition Principles for Physical Activity and Health **3 credit hours**

**Subtotal: 30 Hours**

**Total hours in program: 120**

## **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Exercise Science, B.S., Academic Map**

## **Health and Human Performance Minor**

### **Department of Health and Human Performance**

The minor in Health and Human Performance requires 15 semester hours.

### **Required (15 hours)**

- LSTS 3000 - Leisure in Your Life **3 credit hours**
- PHED 3300 - First Aid and Safety Education **3 credit hours**
- HLTH 4340 - Fitness Education for the Adult **3 credit hours**
- HLTH 1530 - Health and Wellness **3 credit hours** AND
- HLTH 1531 - Health and Wellness Lab **0 credit hours**  
OR  
**3 activity hours for a total of 3 credits from**
- PHED 1180 - Aerobic Walking **1 credit hour**
- PHED 1190 - Aerobic Dance **1 credit hour**
- PHED 1200 - Beginning Weight Training **1 credit hour**
- PHED 1240 - Water Aerobics **1 credit hour**
- PHED 1270 - Yoga **1 credit hour**
- PHED 1280 - Beginning Pilates **1 credit hour**
- PHED 1290 - Tai Chi **1 credit hour**
- PHED 1300 - Personal Conditioning **1 credit hour**
- PHED 1340 - Chi Gong **1 credit hour**
- PHED 2071 - Fitness Swimming **1 credit hour**  
AND
- an additional upper-level class (3000 and above) from the Department of Health and Human Performance

## **Health and Physical Education Minor**

### **Department of Health and Human Performance**

The minor in Health and Physical Education requires 15 semester hours.

### **Required Courses (12 hours)**

- HLTH 1530 - Health and Wellness **3 credit hours** AND
- HLTH 1531 - Health and Wellness Lab **0 credit hours**
- HLTH 4340 - Fitness Education for the Adult **3 credit hours**
- PHED 2800 - Introduction to Physical Education **2 credit hours**
- PHED 3930 - Concepts and Tactics of Teaching Games **2 credit hours**

### **Elective (3 hours)**

- three credits in HLTH/PHED

## **Health Minor**

### **Department of Health and Human Performance**

The minor in Health requires 15 semester hours.

### **Required Courses (9 hours)**

- HLTH 1530 - Health and Wellness **3 credit hours** AND
- HLTH 1531 - Health and Wellness Lab **0 credit hours**
- HLTH 3320 - Community and Public Health **3 credit hours**
- HLTH 4400 - Drugs and Violence in Health Education **3 credit hours**

### **Electives (6 hours)**

- 6 hours of electives to be chosen from other health offerings or courses approved by the department chair

## **Leisure, Sport, and Tourism Studies Minor**

### **Department of Health and Human Performance**

The minor in Leisure, Sport, and Tourism Studies consists of 15 semester hours.

### **Required (6 hours)**

- LSTS 3010 - Introduction to Leisure, Sport, and Tourism Studies **3 credit hours**
- LSTS 3530 - Program Planning in Leisure, Sport, and Tourism **3 credit hours**

### **Electives (9 hours)**

- 9 hours of approved LSTS electives

# Leisure, Sport, and Tourism Studies, B.S.

Department of Health and Human Performance

615-904-8359

Joey Gray, program coordinator

[Joey.Gray@mtsu.edu](mailto:Joey.Gray@mtsu.edu)

The major in Leisure, Sport, and Tourism Studies requires 64 hours and provides knowledge, skills, and experiences for students interested in preparing for positions in the leisure, sport, and tourism services professions. The major requires a general core accredited by NRPA. Specialized areas such as recreation administration, outdoor recreation, event planning, sport studies, and tourism studies may be created, and a minor or advised electives of approximately 15 credit hours may be chosen.

**Accelerated Bachelors to Masters (ABM) Program:** Leisure, Sport, and Tourism Studies majors can apply to participate in the ABM program. Students accepted into the program can take up to four graduate classes that count both for the B.S. in Leisure, Sport, and Tourism Studies major AND M.S. in Leisure and Sport Management at no additional cost.

## Major Requirements

### Required Core (28 hours)

- EXL 4000 - Experiential Learning Seminar **1 credit hour**
- LSTS 3010 - Introduction to Leisure, Sport, and Tourism Studies **3 credit hours**
- LSTS 3380 - Disabilities and Diversity in Leisure, Sport, and Tourism **3 credit hours**
- LSTS 3530 - Program Planning in Leisure, Sport, and Tourism **3 credit hours**
- LSTS 3540 - Facility Operations in Leisure, Sport, and Tourism **3 credit hours**
- LSTS 3560 - Field Studies in Leisure, Sport, and Tourism **3 credit hours**
- LSTS 4540 - Organization and Administration of Leisure, Sport, and Tourism **3 credit hours**
- LSTS 4660 - Evaluation of Leisure, Sport, and Tourism **3 credit hours**
- LSTS 4890 - Senior Seminar in Leisure, Sport, and Tourism **3 credit hours**
- LSTS 4550 - Business Applications in Leisure, Sport, and Tourism **3 credit hours** OR
- MKT 3820 - Principles of Marketing **3 credit hours** OR
- MKT 3865 - Sports Marketing **3 credit hours**

### LSTS Track Electives (15 hours)

Select 15 hours from the following:

- LSTS 3150 - Foundations of Sport Industry **3 credit hours**
- LSTS 3360 - Camp and Camp Counseling **3 credit hours**
- LSTS 3370 - Principles of Outdoor Recreation **3 credit hours**
- LSTS 3390 - Tourism and Commercial Recreation **3 credit hours**
- LSTS 3570 - Outdoor Pursuits Education **3 credit hours**
- LSTS 4110 - Youth Sport Programming and Administration **3 credit hours**
- LSTS 4120 - Community Development through Leisure, Sport, and Tourism **3 credit hours**
- LSTS 4130 - Sport Tourism **3 credit hours**
- LSTS 4140 - Wine Tourism **3 credit hours**
- LSTS 4250 - The Sport Agent **3 credit hours**
- LSTS 4470 - Leisure and Aging **3 credit hours**
- LSTS 4490 - Campus Recreation **3 credit hours**
- LSTS 4570 - Outdoor Recreation Workshop **3 credit hours**

- LSTS 4580 - Seminar: Outdoor Recreation and Environmental Issues **3 credit hours**
- LSTS 4790 - Sport and Society **3 credit hours**
- LSTS 4850 - Cross-Cultural Perspectives in Leisure and Tourism **3 credit hours**
- ATHC 3810 - Directing Intramurals **3 credit hours**
- ATHC 4060 - Sport Psychology **3 credit hours**

### **Advisor-Approved Electives (9 hours)**

### **Internship (12 hours)**

## **Curriculum: Leisure, Sport, and Tourism Studies**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### **Freshman**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- Humanities and/or Fine Arts **6 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- Natural Sciences **4 credit hours**
- Mathematics **3 credit hours**
- Choose 6 hours from:**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

### **Subtotal: 31 Hours**

### **Sophomore**

- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- LSTS 3010 - Introduction to Leisure, Sport, and Tourism Studies **3 credit hours**
- LSTS 3530 - Program Planning in Leisure, Sport, and Tourism **3 credit hours**
- LSTS 3540 - Facility Operations in Leisure, Sport, and Tourism **3 credit hours**
- LSTS track courses **6 credit hours**
- Minor or advised elective courses **6 credit hours**
- Natural Sciences **4 credit hours**
- Social/Behavioral Sciences **3 credit hours**

### **Subtotal: 31 Hours**

## **Junior**

- LSTS 3560 - Field Studies in Leisure, Sport, and Tourism **3 credit hours**
- LSTS 3380 - Disabilities and Diversity in Leisure, Sport, and Tourism **3 credit hours**
- LSTS 4540 - Organization and Administration of Leisure, Sport, and Tourism **3 credit hours**
- LSTS 4660 - Evaluation of Leisure, Sport, and Tourism **3 credit hours**
- LSTS 4890 - Senior Seminar in Leisure, Sport, and Tourism **3 credit hours**
- LSTS track courses **9 credit hours**
- Advisor-approved elective **3 credit hours**
- LSTS 4550 - Business Applications in Leisure, Sport, and Tourism **3 credit hours** OR
- MKT 3820 - Principles of Marketing **3 credit hours** OR
- MKT 3865 - Sports Marketing **3 credit hours**

**Subtotal: 30 Hours**

## **Senior**

- EXL 4000 - Experiential Learning Seminar **1 credit hour**
- Advisor-approved electives **6 credit hours**
- Minor or advised elective courses **9 credit hours**
- LSTS 4901 - Internship in Outdoor Recreation **12 credit hours** OR
- LSTS 4902 - Internship in Recreation Administration **12 credit hours** OR
- LSTS 4903 - Internship in Sport Studies **12 credit hours** OR
- LSTS 4904 - Internship in Tourism Studies **12 credit hours**

**Subtotal: 28 Hours**

**Total hours in program: 120**

## **Academic Map**

Following is a printable, suggested four-year schedule of courses:  
**Leisure, Sport, and Tourism Studies, B.S., Academic Map**

## **Physical Education, B.S.**

**Department of Health and Human Performance**

**615-898-2904**

**Don Belcher, program coordinator**

**Don.Belcher@mtsu.edu**

The major in Physical Education offers preparation for teaching positions in public and private elementary and secondary schools in Tennessee. The major requires PHED 3430, PHED 3720, PHED 3760, PHED 3800/PHED 3801, PHED 3900, PHED 3930, PHED 4400, PHED 4470, PHED 4710, PHED 4780, PHED 4800/PHED 4801, PHED 4900/PHED 4901, PHED 4910, PHED 4930, PHED 4940, and PHED 4990 and HLTH 3300/PHED 3300. HLTH 1530/HLTH 1531 is recommended. Students must complete a Secondary Education minor that includes student teaching.

Persons who wish to pursue a non-teaching career may consult with the assigned advisor.

## **Curriculum: Physical Education**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

**The following curriculum is the recommended sequence of courses. Consultation with an advisor is required each semester.**

### **Freshman**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- Humanities and/or Fine Arts (2 rubrics) **6 credit hours**
- Social/Behavioral Sciences **6 credit hours** (**HLTH 1530/HLTH 1531 recommended**)
- HLTH 3300 - First Aid and Safety Education **3 credit hours** OR
- PHED 3300 - First Aid and Safety Education **3 credit hours** (or approved First Aid/CPR competency)  
**Choose 6 hours from:**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 27 Hours**

### **Sophomore**

- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- Natural Sciences **4 credit hours**
- Mathematics (statistics rec.) **3 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- PHED 3430 - Skill Themes: Games, Gymnastics, and Rhythms **3 credit hours**
- PHED 3720 - Fitness Education K-12 **3 credit hours**
- PHED 3760 - Teaching Water Safety **2 credit hours**
- PHED 3930 - Concepts and Tactics of Teaching Games **2 credit hours**
- PHED 4910 - Applied Kinesiology and Biomechanics **3 credit hours**

- PHED 4930 - Teaching Territory Games **3 credit hours**
- YOED 2500 - Planning and Assessment **3 credit hours**

**Subtotal: 32 Hours**

**Junior**

- Natural Sciences **4 credit hours**
- PHED 3800 - Teaching in Physical Education **3 credit hours**
- PHED 3801 - Teaching in Physical Education Practicum **1 credit hour**
- PHED 3900 - Adapted Physical Education **3 credit hours**
- PHED 4400 - Motor Behavior **3 credit hours**
- PHED 4470 - Educational Rhythms for Teachers **2 credit hours**
- PHED 4710 - Authentic Assessment in Teaching Physical Education **3 credit hours**
- PHED 4780 - Curriculum in Physical Education **3 credit hours**
- PHED 4940 - Teaching Net and Wall Games **2 credit hours**
- YOED 3000 - Classroom Management **3 credit hours**
- YOED 3300 - Problem-Based Instructional Strategies **3 credit hours**

**Subtotal: 30 Hours**

**Senior**

- PHED 4800 - Elementary Physical Education Teaching Methods **3 credit hours** AND
- PHED 4801 - Teaching Elementary Physical Education Practicum **3 credit hours**
- PHED 4901 - Teaching Secondary Physical Education Practicum **3 credit hours** AND
- PHED 4900 - Secondary Physical Education Teaching Methods **3 credit hours**
- PHED 4990 - Seminar in Teaching Physical Education **1 credit hour**
- YOED 4020 - Residency I: Grades K-12 **6 credit hours**
- YOED 4400 - Residency II **12 credit hours**

**Subtotal: 31 Hours**

**Total hours in program: 120**

**Academic Map**

Following is a printable, suggested four-year schedule of courses:  
**Physical Education, B.S., Academic Map**

# Somatic Movement Education Minor

## Department of Health and Human Performance

The minor in Somatic Movement Education consists of 15 hours, including 7 credit hours of required courses, a 3-hour guided elective, and 5 elective hours based upon individual interests and goals.

## Required Courses (7 hours)

- PHED 3200 - Somatic Movement **3 credit hours**
- ATHT 3900 - Human Structure and Movement in Sport and Injury **4 credit hours** AND
- ATHT 3901 - Human Structure and Movement in Sport and Injury Lab **0 credit hours**  
**NOTE:** ATHT 3900/ATHT 3901 have prerequisites of BIOL 2010/BIOL 2011 and/or BIOL 2030/2031. BIOL 2010/BIOL 2011 satisfies General Education Natural Sciences requirement.

## Guided Elective (3 hours)

Choose one course (3 hours) from the following:

- HLTH 4340 - Fitness Education for the Adult **3 credit hours**
- EXSC 4965 - Aquatic Exercise and Therapeutic Rehabilitation **3 credit hours** OR
- ATHT 4965 - Aquatic Exercise and Therapeutic Rehabilitation Techniques **3 credit hours** OR
- LSTS 4965 - Aquatic Exercise and Therapeutic Rehabilitation Techniques **3 credit hours**

## General Electives (5 hours)

Select 5 credits from the courses below. (Other courses may be substituted with approval of minor advisor.)

- PHED 1020 - Beginning Social Dance **1 credit hour**
- PHED 1100 - Beginning Karate **1 credit hour**
- PHED 1270 - Yoga **1 credit hour**
- PHED 1271 - Intermediate Yoga **2 credit hours**
- PHED 1272 - Advanced Yoga **3 credit hours**
- PHED 1280 - Beginning Pilates **1 credit hour**
- PHED 1281 - Intermediate Pilates **2 credit hours**
- PHED 1290 - Tai Chi **1 credit hour**
- PHED 1330 - Intermediate Tai Chi **1 credit hour**
- PHED 1340 - Chi Gong **1 credit hour**

**NOTE:** Repeatable classes can only count once towards minor.

# **Speech/Language Pathology and Audiology Minor**

## **Department of Health and Human Performance**

The minor consists of 18 semester hours.

## **Required Courses (18 hours)**

**Choose 18 semester hours from the following courses:**

- CDIS 3050 - Introduction to Communication Disorders **3 credit hours**
- CDIS 3150 - Phonetics **3 credit hours**
- CDIS 3200 - Phonological Disorders **3 credit hours**
- CDIS 3260 - Language Acquisition and Analysis **3 credit hours**
- CDIS 3300 - Clinical Methods in Communication Disorders **3 credit hours**
- CDIS 3350 - Introduction to Audiology **3 credit hours**
- CDIS 3400 - Anatomy and Physiology for Speech Pathology **3 credit hours**
- CDIS 4500 - Intervention for Individuals with Hearing Loss **3 credit hours**
- CDIS 4850 - Speech and Language Disorders in Childhood **3 credit hours**
- CDIS 4900 - Diagnostic Procedures in Speech Pathology **3 credit hours**
- CDIS 3450 - Fluency Disorders **3 credit hours** OR
- CDIS 4800 - Speech and Language Disorders in the Adult Population **3 credit hours**

# Speech/Language Pathology and Audiology, B.S.

**Department of Health and Human Performance**

**615-904-8541**

**Rebecca Fischer, program coordinator**

**Rebecca.Fischer@mtsu.edu**

The Speech/Language Pathology and Audiology major focuses on diagnosis and aid for those who have speech or hearing problems. It provides a foundation for students who wish to continue study at the graduate level to become certified as speech-language pathologists or audiologists or who wish to pursue other careers related to communication disorders.

Students pursuing the major in Speech/Language Pathology and Audiology must complete CDIS 3050, CDIS 3150, CDIS 3200, CDIS 3260, CDIS 3300, CDIS 3350, CDIS 3400, CDIS 4500, CDIS 4850, CDIS 4900, and either CDIS 3450 or CDIS 4800. Students must also complete a minimum of 9 hours of supervised clinical practicum through enrollment in CDIS 4550-4650 and CDIS 4700-4730 and a minimum of 12 hours of guided electives.

Prior to enrollment in clinical methods, students must achieve a minimum overall GPA of 2.60 in 60 credit hours or 3.00 in the last 30 credit hours, a minimum GPA of 2.80 in the major, and a minimal grade of C in each prerequisite course. To enroll in and continue clinical practicum, students must meet academic and professional eligibility criteria established by the faculty and published in the clinic manual. Academic criteria include the clinical methods GPA standards, mastery of phonetic features, and competence in speaking and writing. Students who do not receive a grade of B- or higher in both English composition courses (ENGL 1010 and ENGL 1020) will be required to take an additional English course to improve writing proficiency.

## Curriculum: Speech/Language Pathology and Audiology

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### Freshman

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- CDIS 3050 - Introduction to Communication Disorders **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- Humanities and/or Fine Arts (2 prefixes) **6 credit hours**
- Natural Sciences **4 credit hours**
- General elective **1 credit hour**

**Choose 6 hours from:**

- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 29 Hours**

### Sophomore

- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- Social/Behavioral Sciences **3 credit hours**
- Natural Sciences **4 credit hours**

- General elective **3 credit hours**
- Minor **3 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- CDIS 3150 - Phonetics **3 credit hours**
- CDIS 3260 - Language Acquisition and Analysis **3 credit hours**
- CDIS 3200 - Phonological Disorders **3 credit hours**
- CDIS 3350 - Introduction to Audiology **3 credit hours**

**Subtotal: 31 Hours**

### **Junior**

- CDIS 3450 - Fluency Disorders **3 credit hours** OR
- CDIS 4800 - Speech and Language Disorders in the Adult Population **3 credit hours**
- CDIS 3300 - Clinical Methods in Communication Disorders **3 credit hours**
- CDIS 3400 - Anatomy and Physiology for Speech Pathology **3 credit hours**
- CDIS 4500 - Intervention for Individuals with Hearing Loss **3 credit hours**
- CDIS 4550 - Practicum in Speech-Language Pathology I **3 credit hours**
- Mathematics (Math) **3 credit hours**
- Minor **6 credit hours**
- Guided elective **3 credit hours**
- General elective **3 credit hours**

**Subtotal: 30 Hours**

### **Senior**

- CDIS 4560 - Practicum in Speech-Language Pathology I **3 credit hours**
- CDIS 4850 - Speech and Language Disorders in Childhood **3 credit hours**
- CDIS 4900 - Diagnostic Procedures in Speech Pathology **3 credit hours**
- Guided electives **9 hours**
- Minor **9 hours**
- CDIS 4570 - Practicum in Speech-Language Pathology I **3 credit hours** OR
- CDIS 4600 - Practicum in Speech-Language Pathology II **3 credit hours** OR
- CDIS 4650 - Practicum in Speech-Language Pathology III **6 credit hours**

**Subtotal: 30 Hours**

**Total hours in program: 120**

### **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Speech/Language Pathology and Audiology, B.S., Academic Map**

## **Athletic Coaching**

### **ATHC 2710 - Coaching and Officiating Fall**

#### **Intramurals**

#### **2 credit hours**

Terminology, rules, strategies, and skills for players, coaches, and officials in flag football, outdoor soccer, volleyball, dodge ball, and 3-on-3 basketball. Officiating mechanics, positioning, and signals emphasized. Students will work a minimum of 20 hours officiating flag football or outdoor soccer plus one other sport or game. Practicum hours included.

### **ATHC 2720 - Coaching and Officiating Spring**

#### **Intramurals**

#### **2 credit hours**

Terminology, rules, strategies, and skills for players, coaches, and officials in basketball, indoor soccer, arena football, softball, and dodge ball. Officiating mechanics, positioning, and signals emphasized. Students will work a minimum of 20 hours officiating basketball or indoor soccer plus one other sport or game. Practicum hours included.

### **ATHC 3600 - Coaching and Officiating Football**

#### **3 credit hours**

Fundamentals of football coaching and officiating. Students will teach and analyze the fundamental skills, especially offensive and defensive, as well as understand, interpret, and apply the rules of football. Practicum hours included.

### **ATHC 3610 - Coaching and Officiating Basketball**

#### **3 credit hours**

Prerequisite: PHED 1210 or permission of instructor. Fundamentals of basketball coaching and officiating. Students will teach and analyze the fundamental skills, especially offensive and defensive, as well as understand, interpret, and apply the rules of basketball. Practicum hours included.

### **ATHC 3620 - Coaching and Officiating Golf**

#### **3 credit hours**

Prerequisite: PHED 2020 or permission of instructor. The fundamental skills of golf coaching and officiating. Students will teach and analyze the fundamental skills, especially the swing, as well as understand, interpret, and apply the rules of golf. Practicum hours included.

### **ATHC 3630 - Coaching and Officiating Wrestling**

#### **3 credit hours**

Prerequisite: PHED 2000 or permission of instructor.

The fundamentals of wrestling coaching and officiating. Students will teach and analyze the fundamental skills, especially offensive and defensive moves, as well as understand, interpret, and apply the rules of wrestling. Practicum hours included.

### **ATHC 3640 - Coaching and Umpiring Softball**

#### **3 credit hours**

Prerequisite: PHED 2410 or permission of instructor. The fundamental skills of softball coaching and umpiring. Students will teach and analyze the fundamental skills, especially hitting and fielding, as well as understand, interpret, and apply the rules of softball. Practicum hours included.

### **ATHC 3650 - Coaching and Officiating Tennis**

#### **3 credit hours**

Prerequisite: PHED 1040 or permission of instructor. The fundamental skills of tennis coaching and officiating. Students will teach and analyze the fundamental skills, especially the ground strokes, as well as understand, interpret, and apply the rules of tennis. Practicum hours included.

### **ATHC 3660 - Coaching and Officiating Volleyball**

#### **3 credit hours**

Prerequisite: PHED 2270 or permission of instructor. The fundamental skills of volleyball coaching and officiating. Students will teach and analyze the fundamental skills, especially offensive and defensive, as well as understand, interpret, and apply the rules of volleyball. Practicum hours included.

### **ATHC 3670 - Coaching and Umpiring Baseball**

#### **3 credit hours**

The fundamental skills of baseball coaching and umpiring. Students will teach and analyze the fundamental skills, especially hitting and fielding, as well as understand, interpret, and apply the rules of baseball. Practicum hours included.

### **ATHC 3810 - Directing Intramurals**

#### **3 credit hours**

The organization and administration of intramural programs. Actual participation in developing and supervising intramural activities.

### **ATHC 3910 - Athletic Coaching and Officiating**

#### **3 credit hours**

Pre- or corequisite: ATHC 2710 or ATHC 2720. An overview of the professions of athletic coaching and officiating. Numerous roles coaches and officials play in the athletic environment emphasized: philosophy of

athletics, ethical behavior of participants, safety, teaching and communicating with all publics, successful organization and administration of competition, and evaluation of performances.

**ATHC 4000 - Strength, Conditioning, and Human Performance**

**3 credit hours**

(Same as ATHT 4000.) Prerequisites: BIOL 2020/BIOL 2021 or BIOL 2030/BIOL 2031; PHED 4910; weight training; or by permission of instructor. Theories and principles of strength training and conditioning and techniques used to become a strength and conditioning specialist or personal fitness trainer.

**ATHC 4060 - Sport Psychology**

**3 credit hours**

(Same as PSY 4060.) The application of behavioral principles, motivational research, personality factors, social/psychological findings, cognitive processes, dysfunctional behavior knowledge, and psychometric assessment procedures to the arena of sports. Introduces students to this discipline and provides knowledge to help enhance their own performances and the performances of others.

**ATHC 4180 - Coaching Speed and Strength Conditioning for Sports**

**3 credit hours**

Organizing and developing speed and strength conditioning programs for sports. Setting up and supervising proper methods and techniques in running, weight lifting, and conditioning exercise for athletics today.

**ATHC 4220 - Coaching and Officiating Soccer**

**3 credit hours**

Prerequisite: PHED 1220 or permission of instructor. The fundamental skills of soccer coaching and officiating. Students will teach and analyze the fundamental skills, especially offensive and defensive, as well as understand, interpret, and apply the rules of soccer. Practicum hours included.

**ATHC 4600 - Intermediate Coaching and Officiating Football**

**3 credit hours**

Prerequisite: ATHC 3600. Incorporates multiple drills to refine football skills and fundamentals. Emphasizes offensive, defensive, and special team strategies as well as the application of rules, officiating mechanics, signals, and positioning for coaching and officiating

interscholastic and intercollegiate competition in football. Practicum hours included.

**ATHC 4620 - Intermediate Coaching and Officiating Basketball**

**3 credit hours**

Prerequisite: ATHC 3610. Incorporates multiple drills to refine basketball skills and fundamentals. Emphasizes offensive, defensive, and special situations as well as the application of rules, officiating mechanics, signals, and positioning for coaching and officiating interscholastic and intercollegiate competition in basketball. Practicum hours included.

**ATHC 4640 - Intermediate Coaching and Umpiring Baseball**

**3 credit hours**

Prerequisite: ATHC 3670. Incorporates multiple drills to refine baseball skills and fundamentals. Emphasizes offensive, defensive, and special situations as well as the application of rules, umpiring mechanics, signals, and positioning for coaching and umpiring interscholastic and intercollegiate competition in baseball. Practicum hours included.

**ATHC 4650 - Coaching and Officiating Cross Country, Track and Field**

**3 credit hours**

The fundamental of coaching and officiating cross country and track and field. Students will teach and analyze the fundamental skills, especially distance running, sprints, relays, and field events, as well as understand, interpret, and apply the rules of cross country and track and field. Practicum hours included.

**ATHC 4690 - Psychology of Coaching and Officiating**

**3 credit hours**

The applications of psychological principles to the coaching, officiating, and playing of athletics at various levels. Emphasis will be on the motivation of and communication with and between all participants in athletic competition at a variety of levels.

**ATHC 4800 - Administration of High School and College Athletics**

**3 credit hours**

Deals with administrative concerns of athletic eligibility, contest management, equipment, finances, budgets, safety, layout and maintenance of facilities, public relations, publicity, and current athletic trends.

## **Athletic Training**

### **ATHT 3000 - Clinical A in Athletic Training**

**3 credit hours**

Prerequisites: ATHT 3570, ATHT 3580. Psychomotor skills used in the application of protective equipment, emergency procedures, care and treatment of athletic injuries, and use of basic modalities. A minimum of 200 clinical hours under the direct supervision of an approved clinical instructor required.

### **ATHT 3001 - Clinical B in Athletic Training**

**3 credit hours**

Prerequisite: ATHT 3000; corequisite: ATHT 3950. Psychomotor skills used in the evaluation and assessment of injuries to the lower extremities. A minimum of 200 clinical hours under the direct supervision of an approved clinical instructor required.

### **ATHT 3002 - Clinical C in Athletic Training**

**3 credit hours**

Prerequisite: ATHT 3001; corequisite: ATHT 3960. Psychomotor skills used in the evaluation and assessment of injuries to the upper extremities and thorax. A minimum of 200 clinical hours under the supervision of an approved clinical instructor required.

### **ATHT 3003 - Clinical D in Athletic Training**

**3 credit hours**

Prerequisite: ATHT 3002. Psychomotor skills used in the rehabilitation of musculoskeletal injuries. A minimum of 200 clinical hours under the direct supervision of an approved clinical instructor required.

### **ATHT 3570 - Psychomotor Skills in Athletic Training**

**3 credit hours**

Various athletic training topics with emphasis on the application of supportive and protective taping. A minimum of 60 directed clinical hours of observation and experiential learning required.

### **ATHT 3580 - Prevention and Care of Athletic Injuries**

**3 credit hours**

Modern principles in the care, prevention, and management of sports injuries.

### **ATHT 3590 - Athletic Training Medical Documentation and Terminology**

**2 credit hours**

Athletic training medical terminology and how to utilize appropriately for medical records and

documentation, medical insurance and reimbursement, allied/medical health teams, case studies, and medical referrals. Not a substitute class for HUM 2130.

### **ATHT 3900 - Human Structure and Movement in Sport and Injury**

**4 credit hours**

Prerequisites: BIOL 2010/BIOL 2011 and/or BIOL 2030/BIOL 2031. Corequisite: ATHT 3901. Exposure to the structural and functional components of human anatomy, including musculoskeletal origins, insertions, actions, and innervations; the ability to identify landmarks, surface markings, and palpations on a live model; to describe functional movements in various sport activities, then classify and identify which muscles work together to create the motions, identify normal and atypical patterns and characteristics. Emphasis placed on normal walking and running gait, posture, throwing, kicking, and jumping.

### **ATHT 3901 - Human Structure and Movement in Sport and Injury Lab**

**0 credit hours**

Corequisite: ATHT 3900. Laboratory to accompany ATHT 3900.

### **ATHT 3950 - Evaluation and Assessment of Injuries to the Lower Extremities**

**3 credit hours**

Prerequisites: ATHT 3570; BIOL 2010/BIOL 2011. Corequisite: ATHT 3001 or permission of instructor. Evaluation and assessment of athletic injuries to the lower extremities and lumbar spine.

### **ATHT 3960 - Evaluation and Assessment of Injuries to the Upper Extremities and Thorax**

**3 credit hours**

Prerequisites: ATHT 3570; ATHT 3950; BIOL 2010/BIOL 2011, BIOL 2020/BIOL 2021. Corequisite: ATHT 3002 or permission of instructor. Evaluation and assessment of athletic injuries to the upper extremities and thorax.

### **ATHT 3980 - Introduction to Evidence-Based Medicine in Athletic Training**

**2 credit hours**

For Athletic Training majors only. Introduces the concepts of evidence-based medicine and practice in the field of athletic training.

**ATHT 4000 - Strength, Conditioning, and Human Performance**

**3 credit hours**

(Same as ATHC 4000.) Prerequisites: BIOL 2020/BIOL 2021 or BIOL 2030/BIOL 2031; PHED 4910 or ATHT 3900/ATHT 3901 and weight training; or by permission of instructor. Theories and principles of strength training and conditioning and techniques used to become a strength and conditioning specialist or personal fitness trainer.

**ATHT 4080 - Alternative Therapies in Athletic Training**

**3 credit hours**

(Same as HLTH 4080.) Examines the didactic and psychomotor concepts of various alternative and complementary therapies as they relate to the profession of athletic training.

**ATHT 4200 - Acute Trauma and Emergency Care in Athletic Training**

**4 credit hours**

Prerequisite: ATHT 3580 or permission of instructor. Corequisite: ATHT 4201. Competencies and proficiencies used in the identification, evaluation, management, and prevention of acute traumatic conditions in sports requiring emergency care in. In addition, administrative and risk management aspects of planning for an emergency injury/illness situation.

**ATHT 4201 - Acute Trauma and Emergency Care in Athletic Training Laboratory**

**0 credit hours**

Prerequisite: ATHT 3580 or permission of instructor. Corequisite: ATHT 4200. Laboratory to accompany ATHT 4200.

**ATHT 4430 - Practicum in Athletic Training**

**3 credit hours**

Prerequisites: ATHT 3003, ATHT 4960, and ATHT 4970. Athletic training internship in a nontraditional athletic training setting. A minimum of 150 clinical hours under the direct supervision of a clinical instructor required.

**ATHT 4500 - Therapeutic Medications and Ergogenic Aids in Sports**

**3 credit hours**

Principles, theories, and issues of the physiological and psychological response to pharmacological use and abuse of therapeutic medications and ergogenic aids in sports. *Taught fall semester, odd years.*

**ATHT 4820 - Organization and Administration of Athletic Training**

**3 credit hours**

Provides the basic knowledge necessary to organize and manage an allied health care professional setting, specifically in athletic training. Information on current laws, professional standards, ethics, and issues of confidentiality addressed. *Taught fall semester, even years.*

**ATHT 4920 - Independent Study**

**3 credit hours**

(Same as EXSC 4920/HLTH 4920/PHED 4920/LSTS 4920.) Independent study topics based on a study plan prepared in cooperation with a faculty supervisor. Culminates in a formal paper and/or comprehensive examination. Application forms must be completed and approved prior to enrollment. A maximum of three credit hours may be applied toward degree.

**ATHT 4950 - Pathology of Sport Illness and Consideration of Special Populations**

**3 credit hours**

Pathology of special problems and general medical conditions of athletes and others involved in physical activity. Includes an athletic training field experience.

**ATHT 4960 - Rehabilitation Techniques**

**4 credit hours**

Prerequisites: ATHT 3950 and ATHT 3960. Methods and techniques in the selection and application of rehabilitation techniques.

**ATHT 4965 - Aquatic Exercise and Therapeutic Rehabilitation Techniques**

**3 credit hours**

(Same as EXSC 4965/LSTS 4965.) Examines the various uses of the aquatic environment to develop, maintain, and improve physical performance with practical development of skills and techniques and aquatic exercise programming. Combines both didactic and laboratory activities in an experiential learning environment.

**ATHT 4970 - Therapeutic Modalities**

**4 credit hours**

Prerequisites: BIOL 2010/BIOL 2011, BIOL 2020/BIOL 2021; ATHT 3950, ATHT 3960. Corequisite: ATHT 4971. Principles, theories, methods, and techniques in the application of selected therapeutic modalities. Includes a laboratory experience of psychomotor skills used in the application of therapeutic modalities.

**ATHT 4971 - Therapeutic Modalities Lab****0 credit hours**

Corequisite: ATHT 4970. Laboratory to accompany ATHT 4970.

**ATHT 4975 - Psychosocial Aspects of Sport, Health, and Rehabilitation****3 credit hours**

Prerequisite: PSY 1410, ATHT 4960, or permission of instructor. Explores psychosocial issues of sport, health, and rehabilitation. Mental health and psychological problems and referrals; intervention strategies, interaction skills, and psychological techniques for injury, rehabilitation, return to play, adherence, sport performance, and sport enhancement. Introduces substance abuse, disordered eating and nutritional issues, and catastrophic injury and illness.

**ATHT 4980 - Advanced Evidence-Based Medicine in Athletic Training****3 credit hours**

Prerequisites: ATHT 3980 and ATHT 4960. Evidence based medicine is used to produce clinical relevant questions and the research process to investigate those questions. Emphasis on writing and developing sound research question and proposal, literature review, experimental design and methodology, and presentation techniques explored.

**ATHT 4990 - Senior Seminar in Athletic Training****3 credit hours**

Prerequisites: ATHT 4960, ATHT 4970. Offers preparation for the BOC examination and discussion of current research in athletic training and sports medicine. Engages students in the process of reviewing, analyzing, discussing, and synthesizing research. Includes an athletic training field experience.

**ATHT 4999 - Independent Research in Athletic Training****3 credit hours**

Prerequisite: Permission of department. Gives students the opportunity to complete the project begun in ATHT 4980 or a new project with the potential for local, regional, national, or international presentations and publications. Course set up independently depending on the type of research project the student is going to perform.

**Communication Disorders****CDIS 3050 - Introduction to Communication Disorders****3 credit hours**

Overview of the professions of speech-language pathology and audiology, with emphasis on the common disorders of speech, language, and hearing and their treatment.

**CDIS 3150 - Phonetics****3 credit hours**

Training in the recognition and production of the sounds of speech with an analysis of their formation; extensive practice in phonetic transcription.

**CDIS 3200 - Phonological Disorders****3 credit hours**

Prerequisites: CDIS 3050 and CDIS 3150. Speech development, etiologies of phonological/articulatory problems, and approaches for assessing and remediating speech-sound errors.

**CDIS 3250 - Speech and Language Development****3 credit hours**

Child speech and language acquisition from birth through the early school years. Emphasizes normal linguistic development.

**CDIS 3260 - Language Acquisition and Analysis****3 credit hours**

Language development and procedures for analyzing child language. Semantic, syntactic, and pragmatic development explored through examining child language transcripts.

**CDIS 3300 - Clinical Methods in Communication Disorders****3 credit hours**

Prerequisites: CDIS 3050, CDIS 3150, CDIS 3200, CDIS 3260, and academic criteria established by the faculty. Planning and implementing treatment programs for individuals with speech-language disorders. A foundation for clinical practicum.

**CDIS 3350 - Introduction to Audiology****3 credit hours**

Prerequisite: CDIS 3050. The etiologies and diagnoses of hearing problems; practical experience in administering audimetric examinations.

**CDIS 3400 - Anatomy and Physiology for Speech Pathology**  
**3 credit hours**

Prerequisite: CDIS 3050 or permission of instructor. The anatomy and physiology of the speech mechanism.

**CDIS 3450 - Fluency Disorders**  
**3 credit hours**

Prerequisite: CDIS 3050. Etiologies, assessment, and treatment of fluency disorders.

**CDIS 4400 - Neurology for Speech Pathology and Audiology**  
**3 credit hours**

Prerequisites: CDIS 3050, CDIS 3300, and CDIS 3400. Structures and function of the central nervous system and the peripheral nervous system and their constituent parts. Focuses on function as it impacts human communication. Includes historical perspectives in the study of the brain and development of imaging techniques.

**CDIS 4500 - Intervention for Individuals with Hearing Loss**  
**3 credit hours**

Prerequisites: CDIS 3050, CDIS 3260, and CDIS 3350. Materials and methods employed in programs for persons with hearing loss.

**CDIS 4550 - Practicum in Speech-Language Pathology I**  
**3 credit hours**

Prerequisites: CDIS 3300, prior semester application, and completion of academic and professional criteria established by the faculty. Supervised clinical practice in the University clinic.

**CDIS 4560 - Practicum in Speech-Language Pathology I**  
**3 credit hours**

Prerequisites: CDIS 4550, prior semester application, and completion of academic and professional criteria established by the faculty. Supervised clinical practice in the University clinic.

**CDIS 4570 - Practicum in Speech-Language Pathology I**  
**3 credit hours**

Prerequisites: CDIS 4550, CDIS 4560, prior semester application, and completion of academic and professional criteria established by the faculty. Supervised clinical practice in the University clinic.

**CDIS 4580 - Practicum in Speech-Language Pathology I**  
**3 credit hours**

Prerequisites: CDIS 4550, CDIS 4560, CDIS 4570, prior semester application, and completion of academic and professional criteria established by the faculty. Supervised clinical practice in the University clinic.

**CDIS 4600 - Practicum in Speech-Language Pathology II**  
**3 credit hours**

Prerequisites: CDIS 4550 and CDIS 4560, prior semester application, and approval by faculty. Advanced supervised clinical practice in an off-campus clinical facility.

**CDIS 4620 - Independent Study**  
**1 to 3 credit hours**

Prerequisite: Recommendation by a departmental faculty member. Study of a specific area of speech/language pathology or audiology to be completed through instructor-student conferences.

**CDIS 4630 - Independent Study**  
**1 to 3 credit hours**

Prerequisite: Recommendation by a departmental faculty member. Study of a specific area of speech/language pathology or audiology to be completed through instructor-student conferences.

**CDIS 4650 - Practicum in Speech-Language Pathology III**  
**6 credit hours**

Prerequisites: CDIS 4550 and CDIS 4560; prior semester application; and approval by faculty. Organization, management, and implementation of public school speech-language and hearing programs. Advanced supervised clinical practice in a public school setting. The School Speech-Language Teacher license requires completion of this course.

**CDIS 4700 - Practicum in Audiology**  
**1 credit hour**

Prerequisites: CDIS 3350 and CDIS 4550 or permission of instructor. Laboratory course in applying principles of audiology.

**CDIS 4710 - Practicum in Audiology**  
**1 credit hour**

Prerequisite: CDIS 4700. Laboratory course in applying principles of audiology.

**CDIS 4720 - Practicum in Audiology****1 credit hour**

Prerequisite: CDIS 4710. Laboratory course in applying principles of audiology.

**CDIS 4730 - Practicum in Audiology****1 credit hour**

Prerequisite: CDIS 4720. Laboratory course in applying principles of audiology.

**CDIS 4750 - Advanced Audiology****3 credit hours**

Prerequisite: CDIS 3350 or permission of instructor. The development of advanced skills in the evaluation and remediation of hearing problems.

**CDIS 4800 - Speech and Language Disorders in the Adult Population****3 credit hours**

Overview of the impact of age on communication. Identification and remediation of communication problems associated with the aging process.

**CDIS 4850 - Speech and Language Disorders in Childhood****3 credit hours**

Prerequisites: CDIS 3400 and CDIS 4550 or permission of instructor. A comprehensive study of the speech, language, and voice difficulties experienced by children.

**CDIS 4900 - Diagnostic Procedures in Speech Pathology****3 credit hours**

Prerequisite: CDIS 4550 or permission of instructor. Basic concepts of measurement and application of diagnostic procedures used in speech-language pathology.

**CDIS 4950 - Special Topics in Communication Disorders****3 credit hours**

Prerequisite: CDIS 3300 or permission of instructor. Advanced reading and discussion about selected topics in speech-language pathology or audiology. Content varies from semester to semester. A maximum of six semester hours may be applied toward a degree.

**Exercise Science****EXSC 3000 - Introduction to Exercise Science****3 credit hours**

An overview of the exercise science profession including the history of exercise science, careers, and certifications in the field; understanding the role of the fitness professional in the health and fitness industry. Content based on guidelines published by the American College of Sports Medicine.

**NOTE:** For Exercise Sciences major only.

**EXSC 3500 - Exercise Techniques and Leadership****3 credit hours**

Practical experience in adult exercise leadership in individual and group settings. Precautions for safe and effective exercise leadership, instruction, and adult fitness programming based on the guidelines of the American College of Sports Medicine included.

**NOTE:** For Exercise Science majors only.

**EXSC 3830 - Physiology of Exercise****4 credit hours**

Prerequisites: C or better in BIOL 2010/BIOL 2011; EXSC 3831 must be taken concurrently. Examines acute response and chronic adaptations of the body to physical activity, exercise, and sports participation, and their impact on homeostasis. Three hours lecture and one two-hour laboratory.

**NOTE:** For Exercise Science majors only.

**EXSC 3831 - Physiology of Exercise Lab****0 credit hours**

Corequisite: EXSC 3830. Laboratory to accompany EXSC 3830.

**NOTE:** For Exercise Science or Athletic Training majors only.

**EXSC 4000 - Research Seminar in Exercise Science****3 credit hours**

Prerequisite: EXSC 3830/EXSC 3831. Development of research ideas, application of computers in searching research databases, methods of research and data collection, data analysis, and preparation and presentation of a research proposal.

**NOTE:** For Exercise Science majors only.

**EXSC 4010 - Applied Research in Exercise Science****3 credit hours**

Prerequisite: EXSC 4000. Completion of a research study in exercise science including preparation of

Institutional Review Board documents, collection and analysis of research data, preparation of research report, and presentation of research findings.

**NOTE:** For Exercise Science majors only.

#### **EXSC 4230 - Exercise Prescription and Program**

##### **Planning**

##### **3 credit hours**

Prerequisites or corequisites: EXSC 3830/EXSC 3831. Focuses on the principles of exercise prescription and program planning in healthy populations. Content based on guidelines published by the American College of Sports Medicine. Guidelines from the National Academy of Sports Medicine and the National Strength and Conditioning Association addressed.

**NOTE:** For Exercise Science majors only.

#### **EXSC 4240 - Principles of Exercise Assessment for Healthy Populations**

##### **3 credit hours**

Prerequisite: EXSC 3830/EXSC 3831. Provides students with practical and theoretical experiences in health/fitness assessment techniques; primarily for healthy populations. Upon completion, pursuit of ACSM Health/Fitness Instructor Certification recommended.

**NOTE:** Effective Fall 2015 course available for Exercise Science or Athletic Training majors only.

#### **EXSC 4250 - Internship**

##### **12 credit hours**

Prerequisite: EXSC 3000, EXSC 3500, EXSC 4230, EXSC 4240, and approval by area faculty required. On-site practical experience in an exercise science/health promotion program.

**NOTE:** For Exercise Science majors only.

#### **EXSC 4260 - Exercise Assessment and Prescription for Special Populations**

##### **3 credit hours**

Prerequisite: EXSC 4240. Practical and theoretical experiences in exercise prescription and health/fitness assessment techniques for special populations. Precautions for safe and effective participation in exercise programs identified.

**NOTE:** For Exercise Science majors only.

#### **EXSC 4810 - Measurement and Evaluation**

##### **3 credit hours**

Concepts and procedures used for applied measurement and evaluation in health and human performance settings. Basic statistics, reliability and

validity, measurement instruments in field and laboratory settings, and the administration of a variety of tests within discipline.

#### **EXSC 4920 - Independent Study**

##### **1 to 3 credit hours**

(Same as ATHT 4920/HLTH 4920/PHED 4920/LSTS 4920.) Independent study topics based on a study plan prepared in cooperation with a faculty supervisor. Culminates in a formal paper and/or comprehensive examination. Application forms must be completed and approved prior to enrollment. A maximum of three credit hours may be applied toward degree.

#### **EXSC 4965 - Aquatic Exercise and Therapeutic Rehabilitation**

##### **3 credit hours**

(Same as ATHT 4965/LSTS 4965.) Examines the various uses of the aquatic environment to develop, maintain, and improve physical performance with practical development of skills and techniques and aquatic exercise programming. Combines both didactic and laboratory activities in an experiential learning environment.

## **Health**

#### **HLTH 1530 - Health and Wellness**

##### **3 credit hours**

Corequisite: HLTH 1531. Explores the role and importance of health and wellness in the lives of individuals and society in general. Laboratory venues will allow opportunities for assessment of lifestyles, decision-making, and research data on health and wellness. Lectures will provide concepts, information, and data involved in maintaining optimum health and wellness. Two lectures and one laboratory.

#### **HLTH 1531 - Health and Wellness Lab**

##### **0 credit hours**

Corequisite: HLTH 1530.

#### **HLTH 2600 - Introduction to Health Professions**

##### **3 credit hours**

Examines select health professions. Includes admission procedures, training, post-graduate training, licensure, practice options. Designed to assist students interested in a health career make a more informed choice early in their undergraduate preparation.

**HLTH 3000 - Service Learning in Health Education****3 credit hours**

Prerequisites: HLTH 1530/HLTH 1531 and HLTH 3320. Health and health care services and the principles, techniques, and context for service. Insight into service organizations, the basic methods and concepts of service learning, and the impact of actual service experiences. Offers background in the cultural, political, and social contexts of service experiences and serves as a forum for discussion of issues surrounding civic engagement and social responsibility. (An EXL course.)

**HLTH 3020 - Terminology in Health and Human Performance****3 credit hours**

Develops vocabulary skills and provides content important to the health and human performance field. Self-study using the Internet.

**HLTH 3300 - First Aid and Safety Education****3 credit hours**

(Same as PHED 3300.) Deals with first aid measures, accident prevention, and cardiopulmonary resuscitation. Addresses issues related to drug use/abuse and related acts of violence. Satisfactory completion of the course qualifies the student for Emergency Care and Safety Institute Standard First Aid and CPR certificates.

**HLTH 3320 - Community and Public Health****3 credit hours**

Basic preparation for health educators in community and public health programs with an emphasis on identifying and solving problems. Concentrates on the role of the health educator in needs assessment, effective communication, and the management of public health concerns.

**HLTH 3340 - Foundations of Health Education****3 credit hours**

Historical issues, philosophical foundations, ethical considerations, and theories of health behavior and learning which provides a foundation for the practice of health education.

**HLTH 3590 - Workshops and Instructional Methods in Health Education****3 credit hours**

Preparation for conducting workshops in a variety of professional settings.

**HLTH 3760 - Teaching Water Safety****2 credit hours**

(Same as PHED 3760.) Prerequisite: Beginning Swimming or pass a swimming assessment (must take before drop/add period ends). Designed to provide knowledge and skills needed for physical educators and recreational leaders to teach water safety.

**HLTH 4080 - Alternative Therapy in Athletic Training****3 credit hours**

(Same as ATHT 4080.) Examines the didactic and psychomotor concepts of various alternative and complementary therapies as they relate to the profession of athletic training.

**HLTH 4260 - Curriculum and Teaching Methods in Health Education****3 credit hours**

Curriculum planning and teaching methods for prospective school, community, and public health personnel who aspire to teach health education.

**HLTH 4270 - Bioethical Issues in Health Education****3 credit hours**

An analysis of current bioethical issues, problems, needs, trends, and interests in health education.

**HLTH 4280 - Instructor's Course in First Aid and CPR****2 credit hours**

Prerequisite: HLTH 3300 or current Red Cross certification in multi-media first aid and CPR or standard first aid. Organization, planning, and teaching American Red Cross safety course. Red Cross instructor certification for successful completion.

**HLTH 4300 - The School Health Program****3 credit hours**

Offers preparation for leadership roles in school health services, instruction, and emergency situations, with special emphasis on evaluation.

**HLTH 4340 - Fitness Education for the Adult****3 credit hours**

(Same as PHED 4340/REC 4340.) Planning, teaching, and participating in individual and group fitness programs for the adult. Offers preparation for administering and interpreting assessments of related components with understanding of physiological

principles related to exercise in the adult. Major lifetime wellness activities covered.

**HLTH 4360 - Teaching Human Sexuality**

**3 credit hours**

Assists individuals in developing, implementing, and evaluating human sexuality curricula and programs for schools (K-12) and other educational venues.

**HLTH 4390 - Women's Health**

**3 credit hours**

Applies and extends the knowledge base of health care for women and provides students with the knowledge to help them enhance their own and others' health.

**HLTH 4400 - Drugs and Violence in Health**

**Education**

**3 credit hours**

Offers an understanding of the nature of drugs, relationships people form with drugs, and consequences of those relationships. Relationship of drugs to acts of violence considered as well as educational programs addressing issues related to drug use/abuse and acts of violence.

**HLTH 4430 - Program Planning in Health**

**Education**

**3 credit hours**

Prerequisites: HLTH 3320 and HLTH 3340. Historical and contemporary health education philosophy and theories, Health Objectives for the Nation, the Certified Health Education Specialist (CHES) process, ethical issues, diversity issues, and practice in various setting.

**HLTH 4450 - Technology Applications**

**1 credit hour**

Prerequisite: An introductory course in computer literacy or equivalent with instructor permission; corequisite: HLTH 4451. Understanding and competency using a variety of technology applications related to the profession. Students required to enroll in corresponding lab during the same semester.

**HLTH 4451 - Technology Applications Lab**

**2 credit hours**

Corequisite: HLTH 4450. Investigation and application of profession-specific software and hardware applications.

**HLTH 4460 - Introduction to Epidemiology**

**3 credit hours**

Epidemiologic analysis including measures of disease frequency, measures of effect, association and causation, sources of inaccuracy, experimental and observational study designs.

**HLTH 4700 - Coordinated School Health**

**3 credit hours**

Offers preparation for individuals to assume roles as school health coordinators. Emphasizes comprehensive school health and how it fits into K-12 education.

**HLTH 4810 - Measurement and Evaluation**

**3 credit hours**

Concepts and procedures used for applied measurement and evaluation in health and human performance settings. Basic statistics, reliability and validity, measurement instruments in field and laboratory settings, and the administration of a variety of tests within discipline.

**HLTH 4870 - Methods of Communicating and Marketing Health Education**

**3 credit hours**

Prerequisites: HLTH 3320 and HLTH 3340. Theory and practice of planning, implementing, and evaluating marketing and communication programs in community and public health education. Includes a review of health communication theories, social marketing, assessment of population needs, coalition-building, health literacy, health advocacy and campaign design, implementation, and evaluation.

**HLTH 4900 - Certified Health Education Specialist (CHES) Review**

**1 credit hour**

For Health majors; to be taken with HLTH 4990. Responsibilities and competencies on the Certified Health Education Specialist examination.

**HLTH 4920 - Independent Study**

**1 to 3 credit hours**

(Same as ATHT 4920/EXSC 4920/PHED 4920/LSTS 4920.) Independent study topics based on a study plan prepared in cooperation with a faculty supervisor. Culminates in a formal paper and/or comprehensive examination. Application forms must be completed and approved prior to enrollment. A maximum of three credit hours may be applied toward degree.

**HLTH 4990 - Internship****12 credit hours**

Prerequisite: Permission of department and must be taken after all major classes are complete. No additional classes may be taken during the internship semester with the exception of the 1 hr. HLTH 4900, Certified Health Education Specialist (CHES) Review course. On-site practical experience in a community health agency.

## **Leisure, Sport, and Tourism Studies**

**LSTS 3000 - Leisure in Your Life****3 credit hours**

Issues relative to choices an individual and society make when utilizing "free" time and resources. Increased understanding of the multibillion dollar leisure industry and its effect on our personal and collective lives.

**LSTS 3010 - Introduction to Leisure, Sport, and Tourism Studies****3 credit hours**

Development and basic concepts of the leisure, sport, and tourism studies profession. History, definitions, theories, and social psychological concepts as well career opportunities and areas of service delivery.

**LSTS 3150 - Foundations of Sport Industry****3 credit hours**

Introduces the dynamics of the sport industry field. Discusses theoretical foundation and subsequent application and addresses the various aspects of the sport industry profession. Provides a clear understanding of the role of sport industry professional, specifically the sport industry, ethical concerns, risk management, marketing, economics, and the supervision of sporting industry.

**LSTS 3360 - Camp and Camp Counseling****3 credit hours**

Emphasis on the camp counselor, including discussion of techniques and skills appropriate in various camp settings. Day-to-day management of residential, trip/travel, and special emphasis camps examined. Some off-campus experience.

**LSTS 3370 - Principles of Outdoor Recreation****3 credit hours**

Concepts, principles, and practices in various types of park, recreation, and tourism settings. Emphasis on overall and critical subsystems of the outdoor

recreation management system primarily in public land settings.

**LSTS 3371 - Principles of Interpretation and Resource Education****3 credit hours**

The study of natural, cultural, and historical interpretation and resource education concepts, principles, and practices applicable to various types of recreation and leisure service settings. Emphasis on interpretation and resource education, why and how to interpret and educate about resources, as well as how to effectively manage interpretation and resource education in varied settings.

**LSTS 3380 - Disabilities and Diversity in Leisure, Sport, and Tourism****3 credit hours**

Explores issues surrounding leisure, sport, and tourism opportunities for persons with disabilities. Introduces important issues such as attitudes, advocacy, accessibility, legislation, and the broad range of opportunities in the provision of leisure, sport, and tourism services for persons with disabilities in our society.

**LSTS 3390 - Tourism and Commercial Recreation****3 credit hours**

Introduces the broad sector of recreation and leisure services profession which focuses on delivery of leisure travel and tourism-based recreation services and programs. Particular emphasis placed upon understanding the relationship between commercial recreation organizations and historical, cultural, and natural resources.

**LSTS 3520 - Leadership and Group Processes in Leisure, Sport, and Tourism****3 credit hours**

Conceptual and human relationship skills required of effective professionals. Emphasis on understanding group dynamics and processes associated with leading activities, programs, and personnel in leisure, sport, and tourism settings. Key component will be field application of skills.

**LSTS 3530 - Program Planning in Leisure, Sport, and Tourism****3 credit hours**

The understanding of participant leisure, sport, and tourism needs and ways organizations create services to respond to them.

**LSTS 3540 - Facility Operations in Leisure, Sport, and Tourism****3 credit hours**

Theoretical foundations, principles, and subsequent application of these principles will provide a unique vantage point in the understanding of addressing various aspects of facility operations in the leisure, sport, and tourism industry. Provides insight into the facility operations industry; facility administration, event logistics, ethical concerns, ADA requirements, risk management, emergency preparedness, crowd management, safety and security, budget development, sponsorships, scheduling and booking, contract and negotiations, labor union relations, customer service within collegiate, private, public and community entities.

**LSTS 3560 - Field Studies in Leisure, Sport, and Tourism****3 credit hours**

Prerequisites: LSTS 3010 and LSTS 3530. Provides an opportunity for supervised practical application of classroom theory in professional leisure, sports, and tourism field work.

**LSTS 3570 - Outdoor Pursuits Education****3 credit hours**

Concentration on developing student's ability in adventure-based recreation and education. Emphasis placed on learning how to implement an outdoor pursuit experience for oneself and others. Both on- and off-campus experiences will be conducted and may involve day/overnight camping, canoeing, kayaking, rock climbing, rappelling, caving, ropes courses, and orienteering.

**LSTS 4110 - Youth Sport Programming and Administration****3 credit hours**

Explores and examines youth sport history, philosophy, developmental stages of youth, administration and programming for youth, and current issues and events necessary to deliver youth sport activities within a variety of settings, agencies, and/or organizations. Addresses the various learning stages of youth sport and the impact these experiences can have on youth.

**LSTS 4120 - Community Development through Leisure, Sport, and Tourism****3 credit hours**

Explores and utilizes sustainable practices to assess, develop, implement, and evaluate tourism's potential

contribution to, or detraction from, the quality of life for communities. Examines economic, environmental, socio-cultural, and political impacts on community tourism development within the community tourism development context.

**LSTS 4130 - Sport Tourism****3 credit hours**

Familiarizes students with the sport tourism industry through exploration of sport in global society, sport event planning;/execution/evaluation, spectatorship, the economic and political sport tourism landscape, and policy impacting, and impacted by, sport tourism.

**LSTS 4140 - Wine Tourism****3 credit hours**

Familiarizes students with how wine and tourism industry diverge, and indeed converge, across a range of economic, technical, cultural, geographic, and vocational factors.

**LSTS 4250 - The Sport Agent****3 credit hours**

Introduces student to the principles, dynamics, and realities of the sport agent industry. Provides insight into the history and legal foundations of sports representation, the evolution of the industry, the business of competition for clients, common pitfalls of both representatives and clients, a wide array of ethical issues, the laws that govern the industry, the structures and language of contracts, negotiation tactics, and sport-specific information.

**LSTS 4470 - Leisure and Aging****3 credit hours**

Aging relative to the individual, family, peers, and society with an emphasis on leisure. The holistic approach including physical, psychological, social, cultural, environmental, and cognitive aspects. Interdisciplinary approach makes this course ideal for the developing or practicing human service professional.

**LSTS 4480 - Recreational Therapy Techniques****3 credit hours**

Explores the many activity-based therapeutic interventions currently utilized to alleviate existing health-related problems, maintain current level of functioning, or to assist in overall rehabilitation efforts of the transdisciplinary treatment team.

**LSTS 4490 - Campus Recreation****3 credit hours**

For those wishing to acquire a specific and comprehensive knowledge of the recreational sports program and an understanding of its place and value in education and society.

**LSTS 4499 - Therapeutic Terminology in RT****3 credit hours**

Designed to provide students with an understanding of therapeutic terminology and the utilization of appropriate terminology for third party reimbursement, treatment teams, counseling, and medical documentation.

**LSTS 4500 - Introduction to Recreational Therapy****3 credit hours**

Explores the profession of recreational therapy, the wide range of disabilities, and the role of intervention in a variety of settings: clinical, community, and transitional. Topics include history, philosophy, professional development/certification, systemic program design, and implementation.

**LSTS 4510 - Recreational Therapy in Clinical Settings****3 credit hours**

Increases understanding of recreational therapy in clinical settings, working with persons with health-related issues and/or disability. Concepts of disease and disability, holistic approach, interdisciplinary treatment, assessment, intervention planning and implementation, evaluation, documentation, and third party reimbursement explored.

**LSTS 4520 - Transitional and Community Recreational Therapy****3 credit hours**

Addresses issues clients may face when leaving institutions and returning to their communities. Examines the role and provision of recreational therapy services in transitional and community-based settings.

**LSTS 4540 - Organization and Administration of Leisure, Sport, and Tourism****3 credit hours**

Prerequisites: Nine hours of leisure, sports, and tourism coursework. Provides an opportunity for understanding the duties and responsibilities of an administrator and for developing the ability to perform these in recreation and leisure settings.

**LSTS 4550 - Business Applications in Leisure, Sport, and Tourism****3 credit hours**

Explores the application of public relations, customer service, and marketing systems including procedures for developing marketing and budget plans for leisure, sport, and tourism services. Emphasizes public and customer relations, budgeting, and organizing and analyzing the marketing strategies in leisure service, sport, and tourism organizations.

**LSTS 4570 - Outdoor Recreation Workshop****3 credit hours**

An off-campus course that provides materials and experiences unobtainable in the traditional classroom. Exposure to issues, trends, and concerns relevant to outdoor recreation, resource management, and the delivery of programs and services in outdoor environments. Public, private non-profits, and commercial agencies will be experienced through a series of field trips, talks, groups exercises, and other experiential-based activities.

**LSTS 4580 - Seminar: Outdoor Recreation and Environmental Issues****3 credit hours**

Increases awareness of the importance of environmental considerations when planning, managing, or administering outdoor recreation programs. Includes environmental issues and methods of seeking solutions to environmental problems.

**LSTS 4590 - Readings in Leisure, Sport, and Tourism****3 credit hours**

In-depth reading; preparation of an annotated bibliography and report. Arrangements for course should be made with the instructor prior to registration.

**LSTS 4660 - Evaluation of Leisure, Sport, and Tourism****3 credit hours**

Research and evaluation procedures and techniques applicable to assessing leisure, sport, and tourism service programs, participants, administrative structures, and resources. Emphasis on beginning and completing a "real-world" evaluation project.

**LSTS 4700 - Challenge Course Facilitation****3 credit hours**

A systematic approach to the fundamentals of group

management in an experiential ropes course setting. Focuses on both interpersonal and technical facilitation skills. Several on- and off-campus experiential, demonstration, and practical application sessions required.

#### **LSTS 4790 - Sport and Society**

##### **3 credit hours**

(Same as SOC 4790.) A behavioral approach to the sport and leisure phenomena from the related perspectives of sociology and anthropology.

#### **LSTS 4850 - Cross-Cultural Perspectives in Leisure and Tourism**

##### **3 credit hours**

An in-depth study of the leisure experience in other (non-U.S.) cultures through onsite observations; visits to cultural/historic sites; and interactions with managers and staff at selected parks, museums, attractions, and world heritage sites.

#### **LSTS 4890 - Senior Seminar in Leisure, Sport, and Tourism**

##### **3 credit hours**

Prerequisites: LSTS 3010 and LSTS 3530. Review of philosophy and professional ethics of leisure, sport, and tourism services. Self assessment of student's strengths, limitations, and career aspirations. Preparation of reference files, letters, and resumes. Identification of, application to, and acceptance by department-approved agencies for completion of internship. Pass/Fail.

#### **LSTS 4900 - Internship in Therapeutic Recreation**

##### **12 credit hours**

Prerequisites: Departmental approval; minimum 2.25 GPA; LSTS 3010, LSTS 3530, LSTS 3540, LSTS 4540, and LSTS 4890; additional prerequisites: LSTS 4500, LSTS 4510, and LSTS 4480 or LSTS 4520. Provides practical experience. Student assigned to a field experience to spend an entire semester or two summer sessions in on-the-job training with a recreational agency. Students will work or volunteer 40 hours per week with an agency for a minimum of 480 hours of contact time.

#### **LSTS 4901 - Internship in Outdoor Recreation**

##### **12 credit hours**

Prerequisites: Departmental approval; minimum 2.25 GPA; LSTS 3010, LSTS 3530, LSTS 3540, LSTS 4540, and LSTS 4890. Provides practical experience. Student assigned to a field experience to spend an entire semester or two summer sessions in on-the-job

training with a recreational agency. Students will work or volunteer 40- hours per week with an agency for a minimum of 480 hours of contact time.

#### **LSTS 4902 - Internship in Recreation Administration**

##### **12 credit hours**

Prerequisites: Departmental approval; minimum 2.25 GPA; LSTS 3010, LSTS 3530, LSTS 3540, LSTS 4540, and LSTS 4890. Provides practical experience. Student assigned to a field experience to spend an entire semester or two summer sessions in on-the-job training with a recreational agency. Students will work or volunteer 40 hours per week with an agency for a minimum of 480 hours of contact time.

#### **LSTS 4903 - Internship in Sport Studies**

##### **12 credit hours**

Prerequisites: Departmental approval; senior standing; minimum 2.25 GPA; LSTS 3010, LSTS 3530, LSTS 4540, and LSTS 4890. Provides practical experience. Students assigned to a field experience to spend an entire semester or two summer sessions in on-the-job training with a sport agency. Students will work or volunteer 40 hours per week with an agency for a minimum of 480 hours of contact time.

#### **LSTS 4904 - Internship in Tourism Studies**

##### **12 credit hours**

Prerequisites: Departmental approval; senior standing; minimum 2.25 GPA; LSTS 3010, LSTS 3530, LSTS 3540, LSTS 4540, and LSTS 4890. Provides practical experience. Students assigned to a field experience to spend an entire semester or two summer sessions in on-the-job training with a tourism agency. Students will work or volunteer 40 hours per week with an agency for a minimum of 480 hours of contact time.

#### **LSTS 4920 - Independent Study in Leisure, Sport, and Tourism Studies**

##### **3 credit hours**

(Same as ATHT 4920/EXSC 4920/HLTH 4920/PHED 4920.) Independent study topics based on a study plan prepared in cooperation with a faculty supervisor. Culminates in a formal paper and/or comprehensive examination. Application forms must be completed and approved prior to enrollment. A maximum of three credit hours may be applied toward degree.

**LSTS 4965 - Aquatic Exercise and Therapeutic Rehabilitation Techniques**

**3 credit hours**

(Same as ATHT 4965/EXSC 4965.) Examines the various uses of the aquatic environment to develop, maintain, and improve physical performance with practical development of skills and techniques and aquatic exercise programming. Combines both didactic and laboratory activities in an experiential learning environment.

**REC 3980 - Cooperative Education**

**3 credit hours**

Experiential learning that occurs in real employment situations. Graded on a pass/fail basis.

**REC 4340 - Fitness Education for the Adult**

**3 credit hours**

(Same as HLTH 4340/PHED 4340.) Planning, teaching, and participating in individual and group fitness programs for the adult. Offers preparation for administering and interpreting assessments of related components with understanding of physiological principles related to exercise in the adult. Major lifetime wellness activities covered.

**REC 4600 - Technology Applications**

**1 credit hour**

Corequisite: REC 4601. Understanding and competency using a variety of technology applications related to the profession. Students required to enroll in corresponding lab during the same semester.

**REC 4601 - Technology Applications Lab**

**2 credit hours**

Corequisite: REC 4600. Investigation and application of profession-specific software and hardware applications.

## **Physical Education**

**PHED 1010 - Beginning Folk and Square Dance**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1020 - Beginning Social Dance**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1040 - Beginning Tennis**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1050 - Adapted Physical Activity**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1060 - Adapted Physical Activity**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1080 - Beginning Bowling**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1100 - Beginning Karate**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1110 - Casting and Fishing Techniques**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1120 - Backpacking and Hiking**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1130 - Beginning Bicycling**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1140 - Gymnastics**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1150 - Beginning Badminton****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1160 - Beginning Archery****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1170 - Beginning Racquetball****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1180 - Aerobic Walking****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1190 - Aerobic Dance****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1200 - Beginning Weight Training****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1210 - Beginning Basketball****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1220 - Beginning Soccer****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1240 - Water Aerobics****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1250 - Self Defense****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1260 - Intermediate Bicycling****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1270 - Yoga****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 1271 - Intermediate Yoga****2 credit hours**

An in-depth study of Hatha Yoga including the eight stages (or limbs) of yoga as explained in the Yoga Sutras by Patanjali written around 200 to 300 B.C. Emphasis placed on asana (physical postures), pranayama (breathing techniques), and dyhana (meditation). Yoga as a science, art, philosophy, and lifestyle interwoven into the academic experience. May be repeated for a maximum of four credits.

**PHED 1272 - Advanced Yoga****3 credit hours**

Prerequisites: PHED 1270 and PHED 1271. An in depth study of Hatha Yoga, including the eight stages, or limbs, of yoga as explained in the Yoga Sutras by Patanjali written around 200 to 300 B.C. Emphasis placed on asana (physical postures), pranayama (breathing techniques), and dyhana (meditation). Yoga as a science, art, philosophy, and lifestyle will be interwoven into the academic experience. May be repeated for a maximum of six credits.

**PHED 1280 - Beginning Pilates****1 credit hour**

Series of floor exercises developed by Joseph H. Pilates designed to increase strength, flexibility, stamina, and concentration. Focus on postural alignment and body mechanics; facilitates enhancement of kinesthetic sense overall and increases body awareness. Class meets for two hours.

**PHED 1281 - Intermediate Pilates****2 credit hours**

Prerequisite: PHED 1280 or permission of department. An in-depth study of the Pilates methodology. Designed to increase strength, flexibility, stamina, and concentration while bridging the mind and body, linking between everyday life and optimal performance. Emphasis placed on technique (physical and mental exercises) and philosophies of movement. Pilates as a science, art form, philosophy, and physical exercise interwoven into the academic experience. May be repeated twice for a maximum of four credits.

**PHED 1290 - Tai Chi****1 credit hour**

All 56 postures of Chen-style tai chi taught in one semester. Includes an overview of the history, philosophy, principles, and benefits of tai chi. Class meets for two hours.

**PHED 1300 - Personal Conditioning****1 credit hour**

Basic concepts, techniques, and activities needed to design an individual conditioning program. Basic nutrition also covered. Class meets for two hours.

**PHED 1301 - Women's Personal Conditioning****1 credit hour**

Basic concepts, techniques, and activities specific to females for lifelong fitness habits and lifestyle.

**PHED 1310 - Beginning Rugby****1 credit hour**

Introduces the basics of the game of rugby. Coed, non-contact play coupled with classroom analysis. Class meets for two hours.

**PHED 1320 - Intermediate Rugby****1 credit hour**

Continued study of the continuous game. Principles of play with additional emphasis on coaching, officiating, and the laws and strategies of Rugby. Class meets for two hours.

**PHED 1330 - Intermediate Tai Chi****1 credit hour**

Prerequisite: PHED 1290 with a minimum grade of B or permission of instructor. All 40 postures of Yang International Competition Style Tai Chi taught in one semester. Explores history, philosophy, principles, and benefits of tai chi. Class meets for two hours.

**PHED 1340 - Chi Gong****1 credit hour**

Involves the coordination of different breathing patterns with various physical postures and motions of the body. Research benefits: stress reduction, decreased blood pressure, improved health. Class meets for two hours.

**PHED 2000 - Beginning Wrestling****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2010 - Beginning Modern Dance****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2020 - Beginning Golf****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours. Fee required.

**PHED 2030 - Tumbling and Trampoline****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2040 - Beginning Swimming****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2050 - Adapted Physical Activity****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2060 - Adapted Physical Activity****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2070 - Intermediate Swimming****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2071 - Fitness Swimming****1 credit hour**

Refining swimming strokes so students can swim with more ease, efficiency, and power. Offers information needed to design workout for using swimming as a fitness activity. Class meets for two hours.

**PHED 2080 - Intermediate Modern Dance****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2090 - Intermediate Tennis****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2120 - Scuba Diving****2 credit hours**

Students must pass a swimming proficiency test.

**PHED 2121 - Advanced Scuba Diving I****2 credit hours**

Prerequisite: Open water certification required; not a prerequisite for PHED 2124. Exposes divers to scuba equipment maintenance, navigation skills, ability to safely participate in night and limited visibility diving, and basic seamanship skills.

**PHED 2123 - First Aid for SCUBA Divers****3 credit hours**

Prerequisite: PHED 2120. Provides knowledge and skills necessary for certification in CPR for the professional rescuer. Covers blood-borne pathogens, oxygen administration, and first aid for scuba divers.

**PHED 2124 - Advanced SCUBA Diving II****2 credit hours**

Prerequisite: Open water certification required; can be taken before PHED 2121. Offers training to prevent, recognize, and handle in-water problems and diving emergencies; utilizes enriched air nitrox as a breathing medium. Additional lectures required for Master Diver certification.

**PHED 2130 - Basic River Canoeing****1 credit hour**

Students must pass a swimming proficiency test. Class meets for two hours.

**PHED 2140 - Basic Lifeguarding****2 credit hours**

Includes lifeguard training, automated external defibrillation, professional rescuer oxygen administration, and preventing disease transmission.

**PHED 2160 - Ballet-Primary****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2170 - Ballet-Intermediate****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2180 - Beginning Jazz Dance****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2190 - Beginning Tap Dance****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours..

**PHED 2200 - Modern Gymnastics****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2240 - Beginning Roller Skating****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours. Fee required.

**PHED 2250 - Intermediate Bowling****1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in

fundamental skills. Class meets for two hours. Fee required.

**PHED 2260 - Basic Rock Climbing**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2270 - Beginning Volleyball**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2280 - Intermediate Tap Dancing**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2320 - Advanced Weight Training**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2330 - Advanced Karate**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2340 - Aquatic Instructor Certification**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2350 - Intermediate Badminton**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2380 - Intermediate Jazz Dance**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2410 - Beginning Softball**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2420 - Intermediate Golf**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2430 - Advanced Volleyball**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2440 - Advanced Swimming**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2450 - Advanced Tennis**

**1 credit hour**

Offers preparation for future participation in this activity by developing basic competencies in fundamental skills. Class meets for two hours.

**PHED 2800 - Introduction to Physical Education**

**2 credit hours**

Introduces prospective students to the field of physical education. For those interested in teaching/coaching physical activities. Students taken through a broad range of activities in classrooms, gymnasiums, and outdoors.

**PHED 3200 - Somatic Movement**

**3 credit hours**

An introduction to Somatics offering a diverse spectrum of movement experiences and techniques aimed at studying the unity of mind and body. History, theory, and practice explored to cultivate and promote mental, physical, and emotional health and well-being. Includes Eastern and Western modalities emphasizing Pilates, Yoga, Dance, and Tai Chi.

**PHED 3250 - Workshops and Instructional Methods in Health Education**

**3 credit hours**

Preparation for conducting workshops in a variety of professional settings.

**PHED 3300 - First Aid and Safety Education****3 credit hours**

(Same as HLTH 3300.) Deals with first aid measures, accident prevention, and cardiopulmonary resuscitation. Addresses issues related to drug use/abuse and related acts of violence. Satisfactory completion of the course qualifies the student for Emergency Care and Safety Institute Standard First Aid and CPR certificates.

**PHED 3430 - Skill Themes: Games, Gymnastics, and Rhythms****3 credit hours**

Fundamental areas of educational gymnastics, educational games, and educational/creative dance/rhythms. How movement education relates to an individual child's personal development--intellectually, emotionally, socially, and physically. Activities suitable for the needs, abilities, and interests of children and developmentally appropriate practices.

**PHED 3500 - Physical Education for Early Childhood****3 credit hours**

Principles, teaching strategies, and curriculum activities for young children. Planning age-appropriate physical activities and designing developmentally appropriate motor skill experiences for young children. Extensive practicum experiences in teaching. Two one-hour lectures and two one-hour labs per week.

**PHED 3720 - Fitness Education K-12****3 credit hours**

Planning, teaching, and participating in individual and group fitness programs for K-12. Offers preparation to administer and interpret assessment of related components with the understanding of physiological principles related to exercise in the K-12 student. Major lifetime wellness activities covered.

**PHED 3760 - Teaching Water Safety****2 credit hours**

(Same as HLTH 3760.) Prerequisite: Beginning Swimming or pass a swimming assessment (must take before drop/add period ends). Designed to provide knowledge and skills needed for physical educators and recreational leaders to teach water safety.

**PHED 3800 - Teaching in Physical Education****3 credit hours**

Corequisite: PHED 3801. Focuses on planning and

instruction in the K-12 physical education setting including environmental arrangements, task presentation, content development, and classroom management. Also includes information about history, philosophy, and current trends of the profession of teaching physical education.

**PHED 3801 - Teaching in Physical Education Practicum****1 credit hour**

Corequisite: PHED 3800. Provides teacher candidates with practicum experiences with peers and youth in physical education. Students will have an opportunity to apply and develop the skills and knowledge gained in PHED 3800.

**PHED 3810 - Directing Intramurals****2 credit hours**

Opportunity to observe the art of teaching and the act of learning in physical education and health classes at the elementary, middle, and high school levels. Students will use observation tools in public school settings designed to help them recognize the varied responsibilities and skills needed in teaching physical education.

**PHED 3850 - Foundations of Physical Education****3 credit hours**

Lectures, discussion, and reports introduce students to the importance of physical activity and nutritional values as they relate to lifetime wellness. Study of physical education through its history, philosophy, leadership, and organization including related principles from biology, physiology, sociology, and psychology.

**PHED 3900 - Adapted Physical Education****3 credit hours**

For physical education teacher candidates interested in improving the quality of physical education programs for students with disabilities. Includes best practices and approaches to planning and implementing physical education instruction for the inclusion of children and adults with disabilities in the educational, recreational, and physical fitness process and placement in the least restrictive environments and community programs. Addresses the unique needs of future physical education teachers.

**PHED 3910 - Officiating****2 credit hours**

Technique and practice in officiating major sports.

**PHED 3930 - Concepts and Tactics of Teaching Games****2 credit hours**

Introduces the tactical approach to teaching games in physical education. Striking, fielding, and target games emphasized.

**PHED 4250 - Internship****12 credit hours**

Prerequisite: Approval by area faculty required. On-site practical experience in physical education, exercise science/health promotion program.

**PHED 4340 - Fitness Education for the Adult****3 credit hours**

(Same as HLTH 4340/REC 4340.) Planning, teaching, and participating in individual and group fitness programs for the adult. Offers preparation for administering and interpreting assessments of related components with understanding of physiological principles related to exercise in the adult. Major lifetime wellness activities covered.

**PHED 4400 - Motor Behavior****3 credit hours**

Processes related to the learning, control, and coordination of movement. Principles in motor learning, motor development, and motor control addressed in relation to movement and skill acquisition. Examines the major behavioral and control processes underlying the learning and performance of motor skills.

**PHED 4470 - Educational Rhythms for Teachers****2 credit hours**

Educational rhythms for teaching physical education. Rhythmic skills, progressive movement, and creative physical activities explored and utilized for the student's understanding of educational rhythms. Explores educational rhythms as an academic discipline as well as an art form and as a lifelong social/recreational activity.

**PHED 4600 - Technology Applications****1 credit hour**

Prerequisite: An introductory course in computer literacy or equivalent with instructor permission; corequisite: PHED 4601. Understanding and competency using a variety of technology applications related to the profession. Students required to enroll in corresponding lab during the same semester.

**PHED 4601 - Technology Applications Lab****2 credit hours**

Corequisite: PHED 4600. Investigation and application of profession-specific software and hardware applications.

**PHED 4710 - Authentic Assessment in Teaching Physical Education****3 credit hours**

Authentic assessment techniques used in teaching physical education. Matching appropriate assessment to different types of assessment instruments and to the objectives of the physical education curriculum. Computer applications related to assessment in physical education used.

**PHED 4780 - Curriculum in Physical Education****3 credit hours**

For physical education teacher candidates interested in improving the quality of physical education programs for students with and without disabilities. Reviews best practices and approaches to planning and implementing instruction, as well as the curriculum models of physical education. Addresses unique needs of future physical education teachers.

**PHED 4800 - Elementary Physical Education****Teaching Methods****3 credit hours**

Prerequisite: Admission to teacher education program. Planning, implementing, and evaluating the teaching-learning process at the elementary school level. Requires field experience in teaching physical education at an area elementary school.

**PHED 4801 - Teaching Elementary Physical Education Practicum****3 credit hours**

Practicum experiences in teaching physical education to children with special emphasis on lesson planning, management, assessment, task presentation, and content development.

**PHED 4900 - Secondary Physical Education****Teaching Methods****3 credit hours**

Prerequisite: Admission to teacher education. Opportunity to observe the art of teaching and the act of learning in physical education classes at the secondary level. Advanced study and practice of effective teaching and learning theory in secondary physical education related to classroom, gymnasium, and field situations.

**PHED 4901 - Teaching Secondary Physical Education Practicum**

**3 credit hours**

Practicum experiences in teaching physical education to middle and high school learners with special emphasis on lesson planning, management, assessment, task presentation, and content development.

**PHED 4910 - Applied Kinesiology and Biomechanics**

**3 credit hours**

Study of the analysis of human movement based on the anatomical, physiological, and mechanical principles of human activities. Laboratory experiences included.

**PHED 4920 - Independent Study**

**1 to 3 credit hours**

(Same as ATHT 4920/EXSC 4920/HLTH 4920/LSTS 4920.) Independent study topics based on a study plan prepared in cooperation with a faculty supervisor. Culminates in a formal paper and/or comprehensive examination. Application forms must be completed and approved prior to enrollment. A maximum of three credit hours may be applied toward degree.

**PHED 4930 - Teaching Territory Games**

**3 credit hours**

Games and skills associated with a variety of territory games. Includes basketball, soccer, flag football, lacrosse, field hockey, etc. Emphasis on planning and applying developmentally appropriate activities for all learners.

**PHED 4940 - Teaching Net and Wall Games**

**2 credit hours**

Games and skills associated with a variety of net/wall games, including volleyball, tennis, badminton, table tennis, racquetball, etc. Emphasis placed on planning and applying developmentally appropriate activities for all learners.

**PHED 4990 - Seminar in Teaching Physical Education**

**1 credit hour**

Prerequisites: PHED 4800 and PHED 4900. A comprehensive review of the organization and management of physical education, presenting students with skills and strategies for becoming effective beginning teachers. Crucial issues and trends affecting the fields of physical education, including issues of advocacy, legal liability, alternative

teaching strategies, ethics and professionalism, diversity, classroom management, and career planning.

## **Safety**

**SAFE 4320 - Principles of Accident Control**

**3 credit hours**

Basic course on principles, concepts, and methodology of the safety movement. Introductory experiences dealing with accident prevention and control efforts recommended for various social institutions and agencies.

**SAFE 4350 - Automotive Transportation Safety Programs**

**3 credit hours**

Safety elements of automotive and other forms of transportation. Federal, state, and local legislation concerning transportation control and design.

**SAFE 4850 - Driver and Traffic Safety**

**Fundamentals**

**3 credit hours**

Prerequisite: Valid driver's license. Introduction to driver and traffic safety education. Primary focus on current concepts related to safe driving.

**SAFE 4870 - Teaching Driver and Traffic Safety**

**3 credit hours**

Designed to develop teaching techniques for laboratory instruction including on-street, driving simulator, and multiple-car-range programs.

## **Human Sciences**

### **Deborah Belcher, Chair**

**Bogle, Brickey, Bush, Coleman, Colson, Cook, Cottle, Cromer, Emery, King, Kwon, Miller, Noerper, Pisut, Poirier, Rudd, Sheehan-Smith**

The programs offered by the Department of Human Sciences are accredited by the American Association of Family and Consumer Sciences and provide a broad liberal education along with a specialty to prepare students for a wide spectrum of professions. The department also offers numerous opportunities in experiential and service learning. Career opportunities in human sciences include positions in social agencies, government agencies, community services, business, industry, health services, research laboratories, architectural and design firms, merchandising, teaching, and early childcare intervention.

Programs leading to the Bachelor of Science degree are offered in four majors: Family and Consumer Studies with concentrations in Family and Consumer Sciences Education and Child Development and Family Studies; Interior Design; Nutrition and Food Science with a concentration in Dietetics; and Textiles, Merchandising, and Design with concentrations in Apparel Design and Fashion Merchandising. The department also offers minors in Human Sciences, Nutrition and Food Science, and Textiles, Merchandising, and Design.

It is an institutional requirement that degree-seeking students complete the General Education requirements. Consultation with the assigned advisor is necessary before each registration.

### **Graduate Study**

A minor in Human Sciences is available. Requirements and a list of the courses offered for graduate credit are published in the Graduate Catalog.

# **Family and Consumer Studies, Child Development and Family Studies Concentration, B.S.**

**Department of Human Sciences**

**615-898-2884**

**Beth Emery, program coordinator**

**Beth.Emery@mtsu.edu**

The curriculum leading to a major in Family and Consumer Studies is designed primarily for preparation in broad areas of the field. Electives may be used to build strong combinations with other fields of interest. A major in Family and Consumer Studies requires the selection of one concentration from the two available plus one minor outside the field of human sciences.

The concentration in Child Development and Family Studies is a nationally approved program that offers preparation for a student to become a Certified Family Life Educator (CFLE). Completion of this program leads to career opportunities with family life education, social service agencies, day care programs (care giving and administration), crisis intervention programs, and senior citizen services; in business as consultants; in medical settings as child life specialists; and as advocates for children and families.

*NOTE: Students interested in becoming Certified Family Life Educators (CFLE) must earn a grade of C- or higher in all CFLE-approved CDFS and related courses.*

## **Curriculum: Family and Consumer Studies, Child Development and Family Studies**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### **Freshman**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- Humanities and/or Fine Arts (2 prefixes) **6 credit hours**
- MATH 1010 - Mathematics for General Studies **3 credit hours** (Math)
- CDFS 2350 - Human Development I **3 credit hours** \*
- CDFS 3320 - Family Relations **3 credit hours** \*
- HSC 1010 - Career Orientation **1 credit hour**
- Natural Sciences **4 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- Elective **1 credit hour**

### **Subtotal: 30 Hours**

### **Sophomore**

- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- CDFS 3310 - Human Development II **3 credit hours** \*
- CDFS 3330 - Dynamics of Interpersonal Relationships **3 credit hours** \*
- PSY 1410 - General Psychology **3 credit hours** (Soc/Beh Sci)

- Minor **3 credit hours**
- Natural Sciences **4 credit hours**
- NFS 1240 - Principles of Nutrition **3 credit hours**
- HSC 4410 - Consumer Economics **3 credit hours** \*
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 31 Hours**

**Junior**

- PSY 4600 - Psychosexual Adjustment **3 credit hours** \* OR
- HLTH 4360 - Teaching Human Sexuality **3 credit hours**
- CDFS 4140 - Violence in the Family **3 credit hours** \*
- CDFS 4340 - The Contemporary Family **3 credit hours** \*
- CDFS 4310 - Human Development III **3 credit hours** \*
- CDFS 4350 - Parenting **3 credit hours** \*
- CDFS 4390 - Families in Later Life **3 credit hours** \*
- CDFS 4391 - Aging Health and Development **3 credit hours** \*
- Minor **6 credit hours**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 30 Hours**

**Senior**

- HSC 4000 - Senior Seminar **1 credit hour**
- CDFS 3390 - Child Development and Family Studies Professional Seminar **3 credit hours** \*
- CDFS 4790 - Family Life Program Development and Evaluation **3 credit hours** \*
- CDFS 4710 - Family Centered Community Building I **3 credit hours** \*
- HSC 4101 - Internship: Child Development and Family Studies **6 credit hours** \*
- Minor **6 credit hours**
- Elective **1 credit hour**

**6 or 7 hours from:**

- CDFS 3300 - Caring Across Generations **4 credit hours**
- CDFS 4391 - Aging Health and Development **3 credit hours** \*
- CDFS 4720 - Family Centered Community Building II **3 credit hours** \*
- ECE 4300 - Preschool Practicum **3 credit hours**
- ECE 4380 - Infant and Toddler Practicum **3 credit hours**
- HSC 4430 - Resource Management **3 credit hours**
- HSC 4420 - Personal and Family Management **3 credit hours**
- NFS 4210 - Nutrition in Aging **3 credit hours**
- NFS 4251 - Nutrition for the Young Child **3 credit hours**

**Subtotal: 29-30 Hours**

**Total hours in program: 120**

**NOTE:**

*\*CFLE courses - students must earn C- or higher for the Certified Family Life Educator (CFLE) certification.*

## **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Family and Consumer Studies, Child Development and Family Studies, B.S., Academic Map**

# **Family and Consumer Studies, Family and Consumer Sciences Education Concentration, B.S.**

**Department of Human Sciences**

**615-898-2884**

**Beth Emery, program coordinator**

**Beth.Emery@mtsu.edu**

The curriculum leading to a major in Family and Consumer Studies is designed primarily for preparation in broad areas of the field. Electives may be used to build strong combinations with other fields of interest. A major in Family and Consumer Studies requires the selection of one concentration from the two available plus one minor outside the field of human sciences.

The concentration in Family and Consumer Sciences Education offers preparation for students to teach family and consumer sciences education in grades 6-12. Licensure to teach family and consumer sciences requires a bachelor's degree from an institution approved for the training of teachers in family and consumer sciences and its occupational areas. A minor in Secondary Education is also required.

Occupational endorsements may be added but are not a required part of the major. Those who successfully complete the program are qualified to teach in vocationally reimbursed family and consumer sciences programs as well as nonreimbursed programs. This curriculum also offers preparation for extension service, business, consumer services, and government agencies.

## **Family and Consumer Sciences Education (FCSE) Add-On Endorsements**

The programs of study leading to endorsements in the three occupational areas-early childhood care and services (#451), clothing management production (#452), and food production and management services (#453) are included in the Family and Consumer Sciences Education major and offered as additional endorsements to the basic FACS endorsement (#450). Each endorsement requires 12 semester hours of additional coursework. The 453 endorsement is also offered for graduate credit.

Endorsements and courses are listed below.

### **Option A: Early Childhood Care and Services (12 hours)**

- CDFS 2350 - Human Development I **3 credit hours**
- CDFS 3310 - Human Development II **3 credit hours**
- ECE 4360 - Administering Early Childhood Programs **3 credit hours**
- ECE 4370 - Effective Instruction (Birth-5) **3 credit hours**

### **Option B: Clothing Management Production (12 hours)**

- TXMD 1110 - Basic Design **3 credit hours**
- TXMD 1170 - Introduction to the Fashion Industry **3 credit hours**
- TXMD 3150 - Apparel Selection and Evaluation **3 credit hours**
- TXMD 4400 - Fashion Product Line Development and Merchandising **3 credit hours**

### **Option C: Food Production and Management Services (12 hours)**

- NFS 3100 - Food and Culture in the United States **3 credit hours**
- NFS 4100 - Food Service Management for Culinary Arts **3 credit hours**
- FCSE 4502 - Food Production and Management **2 credit hours**

- FCSE 4570 - Fundamentals of Culinary Arts **3 credit hours**
- NFS 4265 - Food Safety and Sanitation **1 credit hour**

## Curriculum: Family and Consumer Studies, Family and Consumer Studies Education

Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.

### Freshman

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- Natural Sciences (2 prefixes) **8 credit hours**
- HSC 1010 - Career Orientation **1 credit hour**
- NFS 2220 - Nutrition for the Health Sciences **3 credit hours**
- FCSE 1400 - Personal Finance **3 credit hours**
- FCSE 2510 - Family and Consumer Sciences Education Curriculum **3 credit hours**
- TXMD 2180 - Textiles I **3 credit hours** AND
- TXMD 2181 - Textiles I Laboratory **0 credit hours**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 30 Hours**

### Sophomore

- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- Humanities and/or Fine Arts (2 prefixes) **6 credit hours**
- Social/Behavioral Sciences (2 prefixes) **6 credit hours**
- Mathematics **3 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- TXMD 3200 - Clothing I **3 credit hours**
- YOED 2500 - Planning and Assessment **3 credit hours**
- CDFS 3340 - Life Span Human Development **3 credit hours** OR
- SOC 3151 - Life Cycle and the Social Environment **3 credit hours** OR
- PSYC 2130 (formerly 2111 - TN eCampus) - Lifespan Psychology **3 credit hours**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 33 Hours**

## **Junior**

- CDFS 4310 - Human Development III **3 credit hours**
- CDFS 4350 - Parenting **3 credit hours**
- FCSE 3510 - Methods and Materials for Teaching Family and Consumer Sciences Education **3 credit hours**
- HSC 3430 - Housing **3 credit hours**
- HSC 4000 - Senior Seminar **1 credit hour**
- HSC 4420 - Personal and Family Management **3 credit hours**
- IDES 4620 - House Furnishings **3 credit hours**
- YOED 3000 - Classroom Management **3 credit hours**
- YOED 3300 - Problem-Based Instructional Strategies **3 credit hours**
- NFS 3200 - Food Principles **3 credit hours** AND
- NFS 3201 - Food Principles Lab **0 credit hours**
- COMM 3560 - Intercultural Communication **3 credit hours** OR
- HSC 3020 - Presentation Techniques **3 credit hours**

**Subtotal: 31 Hours**

## **Senior**

- YOED 4020 - Residency I: Grades K-12 **6 credit hours**
- YOED 4400 - Residency II **12 credit hours**
- CDFS 3320 - Family Relations **3 credit hours**
- HSC 4410 - Consumer Economics **3 credit hours**
- NFS 3100 - Food and Culture in the United States **3 credit hours** OR
- NFS 3210 - Meal Management **3 credit hours** OR
- HLTH 4360 - Teaching Human Sexuality **3 credit hours** OR
- HLTH 4390 - Women's Health **3 credit hours**

**Subtotal: 27 Hours**

**Total hours in program: 121**

## **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Family and Consumer Studies, Family and Consumer Sciences Education, B.S., Academic Map**

## **Human Sciences Minor**

### **Department of Human Sciences**

The minor in Human Sciences consists of a minimum of 18 semester hours of courses offered by the Department of Human Sciences elected to meet the concentration needs of the student.

## **Interior Design, B.S.**

**Department of Human Sciences**

**615-898-2884**

**Sharon Coleman, program coordinator**

**Sharon.Coleman@mtsu.edu**

The Interior Design curriculum meets the requirements for Allied membership in the American Society of Interior Designers and Affiliate membership in the International Interior Design Association. Accredited by the Council for Interior Design Accreditation, the B.S. degree offers preparation for entry-level positions in residential and contract design firms, sales, design consulting, computer-aided design, and other related design areas. The program includes a major in Interior Design and a professional core in Human Sciences, art, and business.

Students electing to major in Interior Design must complete all of the following courses with a grade of C (2.00) or better and be admitted to the professional sequence of IDES courses to progress beyond the first year of required coursework. Admission is limited, and therefore, competitive.

**Required 30 hours for application:**

General Education ENGL 1010, ENGL 1020 - 6 hours

General Education Natural Science - 8 hours

General Education Math - 3 hours

General Education Humanities/Fine Arts (excluding ART 1030) - 3 hours

General Education Social/Behavioral Sciences - 3 hours

HSC 1010 (section for IDES majors) - 1 hour

Other (from required professional support or general education courses) - 6 hours

## **Admission and Progression**

### **Interior Design Curriculum Prior to Admission to the Professional Course Sequence**

#### **Sequence**

1. Any student formally admitted to the University may pursue the Interior Design curriculum.
2. Interior Design majors are required to complete HSC 1010 (section for IDES majors) prior to applying for admission to the professional course sequence.
3. Interior Design students are expected to seek advising from the Human Sciences academic advisors each semester to ensure that they are following the proper sequence for completion of the prerequisite courses.

### **Interior Design Professional Course Sequence**

1. An application form must be submitted to the Interior Design program during the Spring semester prior to beginning the professional course sequence. See application for final submission date.
2. Transcript validation of all prerequisite courses must be on file in the MTSU Records Office.
3. A cumulative undergraduate college grade point average of 2.50 is required for beginning eligibility.
4. Applicants must have no grade less than a C (2.00) in any prerequisite and General Education course by the end of Spring semester for those entering the professional sequence the following Fall.
5. Scores from a standardized examination (ACT/SAT) along with the college grade point average will be used to rank candidates for progression to the professional sequence.
6. Students must attain a minimum grade of C (2.00) in all Interior Design courses.
7. Students will be dismissed from the Interior Design major if they
  - a. commit a breach of ethics or gross professional negligence,
  - b. fail to progress due to unsuccessful attainment of requirements. Students who fail to progress will be readmitted on a space-available basis. Only one readmission for failure to progress will be allowed. Students admitted from other interior design programs in which a grade of D (less than 2.00) was made in interior design will not be readmitted.
8. If a student receives a D or F in an Interior Design course at MTSU, he/she must repeat that course at MTSU.
9. Transfer credits for IDES courses will only be accepted from CIDA accredited programs.

10. Further specific details regarding admission and progression are available from the coordinator of the Interior Design program.

## **Curriculum: Interior Design**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### **Freshman Fall**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- Humanities and/or Fine Arts **3 credit hours**
- HSC 1010 - Career Orientation **1 credit hour** (section for IDES majors)
- Natural Sciences **4 credit hours**
- Mathematics **3 credit hours**

**Subtotal: 14 Hours**

### **Freshman Spring**

- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- Social/Behavioral Sciences **3 credit hours**
- Natural Sciences **4 credit hours**
- ART 1920 - Survey of Western Art I **3 credit hours** (Hum/FA)
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)

**Subtotal: 16 Hours**

### **Sophomore Fall**

- IDES 2700 - Interior Design Fundamentals **3 credit hours**
- IDES 2710 - Interior Design Graphics **3 credit hours**
- IDES 4700 - History of Interiors **3 credit hours**
- ART 1620 - Drawing I **3 credit hours**
- TXMD 2180 - Textiles I **3 credit hours** AND
- TXMD 2181 - Textiles I Laboratory **0 credit hours**

**Subtotal: 15 Hours**

### **Sophomore Spring**

- IDES 3710 - Principles of Interior Design **3 credit hours**
- IDES 3600 - House Design **3 credit hours**
- IDES 3750 - Interior Design Visual Presentations II **3 credit hours**
- IDES 3720 - Interior Materials and Finishes **3 credit hours**
- IDES 4710 - Survey of Contemporary Interior Design **3 credit hours**

**Subtotal: 15 Hours**

### **Junior Fall**

- IDES 3700 - Interior Design Visual Presentations I **3 credit hours**
- IDES 3730 - Residential Design I **3 credit hours**
- IDES 3760 - Interior Design Visual Presentations III **3 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- CDFS 3330 - Dynamics of Interpersonal Relationships **3 credit hours** OR
- NFS 1240 - Principles of Nutrition **3 credit hours** OR
- HSC 4430 - Resource Management **3 credit hours**

**Subtotal: 15 Hours**

### **Junior Spring**

- IDES 4740 - Lighting Design **3 credit hours**
- IDES 4750 - Introduction to Commercial Design **3 credit hours**
- IDES 3740 - Interior Design Business Practices **3 credit hours**
- IDES 3770 - Advanced Computer Applications in Interior Design **3 credit hours**
- ART 1910 - Survey of Non-Western Art **3 credit hours** OR
- ART 1920 - Survey of Western Art I **3 credit hours** OR
- ART 1930 - Survey of Western Art II **3 credit hours**

**Subtotal: 15 Hours**

### **Senior Fall**

- IDES 4730 - Residential Design II **3 credit hours**
- IDES 4780 - Interior Design Portfolio **3 credit hours**
- IDES 4790 - Interior Construction Documents **3 credit hours**
- CDFS 3320 - Family Relations **3 credit hours**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 15 Hours**

### **Senior Spring**

- IDES 4760 - Contract Design I **3 credit hours**
- IDES 4770 - Contract Design II **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- MKT 3820 - Principles of Marketing **3 credit hours**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 15 Hours**

**Total hours in program: 120**

## **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Interior Design, B.S., Academic Map**

## **Nutrition and Food Science Minor**

### **Department of Human Sciences**

The minor in Nutrition and Food Science requires 15 semester hours. Required prerequisites must be met for all courses.

### **Required Courses (3 hours)**

- NFS 1240 - Principles of Nutrition **3 credit hours** OR
- NFS 2220 - Nutrition for the Health Sciences **3 credit hours**

### **Electives (12 hours)**

To be chosen from

- NFS 3100 - Food and Culture in the United States **3 credit hours**
- NFS 3200 - Food Principles **3 credit hours**
- NFS 3210 - Meal Management **3 credit hours**
- NFS 3260 - Community Nutrition **3 credit hours**
- NFS 3280 - Sports Nutrition **3 credit hours**
- NFS 4210 - Nutrition in Aging **3 credit hours**
- NFS 4240 - Experimental Food Study **3 credit hours**
- NFS 4260 - Food Safety Issues from Production to Consumption **3 credit hours**
- NFS 4270 - Advanced Nutrition I **3 credit hours**
- NFS 4250 - Maternal and Child Nutrition **3 credit hours** OR
- NFS 4251 - Nutrition for the Young Child **3 credit hours**

# **Nutrition and Food Science, B.S.**

**Department of Human Sciences**

**615-898-2091**

**Janet Colson**

**Janet.Colson@mtsu.edu**

The major in Nutrition and Food Science offers preparation for careers in community nutrition services; county, state, and federal health departments; food systems management; food processing; food marketing; and quality control.

## **Curriculum: Nutrition and Food Science**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### **Freshman**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- SOC 1010 - Introductory Sociology **3 credit hours** (Soc/Beh Sci)
- HSC 1010 - Career Orientation **1 credit hour**
- Humanities and/or Fine Arts (2 prefixes) **6 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- NFS 2220 - Nutrition for the Health Sciences **3 credit hours**
- CHEM 1010 - Introductory General Chemistry I **4 credit hours** (Nat Sci) AND
- CHEM 1011 - Intro to General Chemistry I Lab **0 credit hours** (Nat Sci)  
OR
- CHEM 1110 - General Chemistry I **4 credit hours** (Nat Sci) AND
- CHEM 1111 - General Chemistry I Lab **0 credit hours** (Nat Sci)
- CHEM 1020 - Introductory General Chemistry II **4 credit hours** AND
- CHEM 1021 - Intro to General Chemistry II Lab **0 credit hours**  
OR
- CHEM 1120 - General Chemistry II **4 credit hours** AND
- CHEM 1121 - General Chemistry II Lab **0 credit hours**

**Subtotal: 30 Hours**

### **Sophomore**

- NFS 3200 - Food Principles **3 credit hours** AND
- NFS 3201 - Food Principles Lab **0 credit hours**
- NFS 3260 - Community Nutrition **3 credit hours**
- NFS 3280 - Sports Nutrition **3 credit hours**
- MATH 1010 - Mathematics for General Studies **3 credit hours** (Math)
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- BIOL 2010 - Human Anatomy and Physiology I **4 credit hours** (Nat Sci) AND
- BIOL 2011 - Human Anatomy and Physiology I Lab **0 credit hours** (Nat Sci)
- BIOL 2020 - Human Anatomy and Physiology II **4 credit hours**
- BIOL 2021 - Human Anatomy and Physiology II Lab **0 credit hours** AND
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR

- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)

**Choose 6 hours from:**

- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 32 Hours**

**Junior**

- HSC 4410 - Consumer Economics **3 credit hours**
- Minor **6 credit hours**
- CDFS 3320 - Family Relations **3 credit hours**
- NFS 4210 - Nutrition in Aging **3 credit hours**
- NFS 4240 - Experimental Food Study **3 credit hours**
- NFS 4250 - Maternal and Child Nutrition **3 credit hours**
- NFS 4260 - Food Safety Issues from Production to Consumption **3 credit hours**
- NFS 4270 - Advanced Nutrition I **3 credit hours**
- NFS 4271 - Advanced Nutrition II **3 credit hours**
- CHEM 2030 - Elements of Organic Chemistry **4 credit hours** AND
- CHEM 2031 - Elements of Organic Chemistry Lab **0 credit hours**

**Subtotal: 34 Hours**

**Senior**

- HSC 4000 - Senior Seminar **1 credit hour**
- Minor **9 credit hours**
- Elective **2 credit hours**

**Choose 12 hours**

- ABAS 4200 - Fruit and Vegetable Marketing **3 credit hours**
- ABAS 4810 - The Food Industry **3 credit hours**
- ABAS 4820 - Principles of Food Processing **3 credit hours**
- ABAS 4830 - Food Quality Control **3 credit hours**
- FCSE 4502 - Food Production and Management **2 credit hours**
- HLTH 3020 - Terminology in Health and Human Performance **3 credit hours**
- NFS 3100 - Food and Culture in the United States **3 credit hours**
- NFS 4100 - Food Service Management for Culinary Arts **3 credit hours**

**Subtotal: 24 Hours**

**Total hours in program: 120**

## **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Nutrition and Food Science, B.S., Academic Map**

# **Nutrition and Food Science, Dietetics Concentration, B.S.**

**Department of Human Sciences**

**615-898-2090**

**Lisa Sheehan-Smith**

**Lisa.Sheehan-Smith@mtsu.edu**

The major in Nutrition and Food Science with a Dietetics concentration is a Didactic Program in Dietetics (DPD) accredited by the Accreditation Council for Education in Dietetics and Nutrition of the American Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, (312) 877-1600, ext. 5400.

After completing the degree requirements and providing the DPD director with official transcripts, students receive a verification statement that DPD requirements have been met, qualifying them to apply for a supervised practice program (dietetic internship). After completion of an internship, students must pass the national examination to become registered dietitians/nutritionists (R.D.N) and be eligible for licensure as dietitians/nutritionists (L.D.N.) in the State of Tennessee.

Students with baccalaureate degrees in other areas may complete the DPD requirements at MTSU. Transfer students must meet with the DPD director to determine which courses will be accepted toward the MTSU DPD program. At a minimum all transfer students must complete HSC 1010, HSC 4000, NFS 4010, NFS 4220, NFS 4222, NFS 4240, NFS 4300, NFS 4305, and NFS 4310 at MTSU.

## **Curriculum: Nutrition and Food Science, Dietetics**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### **Freshman**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- Social/Behavioral Sciences **3 credit hours**
- Humanities and/or Fine Arts (2 prefixes) **6 credit hours**
- SOC 1010 - Introductory Sociology **3 credit hours** (Soc/Beh Sci)
- HSC 1010 - Career Orientation **1 credit hour**
- NFS 2220 - Nutrition for the Health Sciences **3 credit hours**
- CHEM 1010 - Introductory General Chemistry I **4 credit hours** (Nat Sci) AND
- CHEM 1011 - Intro to General Chemistry I Lab **0 credit hours** (Nat Sci)  
OR
- CHEM 1110 - General Chemistry I **4 credit hours** (Nat Sci) AND
- CHEM 1111 - General Chemistry I Lab **0 credit hours** (Nat Sci)
- CHEM 1020 - Introductory General Chemistry II **4 credit hours** AND
- CHEM 1021 - Intro to General Chemistry II Lab **0 credit hours**  
OR
- CHEM 1120 - General Chemistry II **4 credit hours** AND
- CHEM 1121 - General Chemistry II Lab **0 credit hours**

**Subtotal: 30 Hours**

### **Sophomore**

- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR

- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- NFS 3200 - Food Principles **3 credit hours** AND
- NFS 3201 - Food Principles Lab **0 credit hours**
- CDFS 3320 - Family Relations **3 credit hours**
- NFS 3260 - Community Nutrition **3 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- MATH 1530 - Applied Statistics **3 credit hours** (Math)
- BIOL 2010 - Human Anatomy and Physiology I **4 credit hours** (Nat Sci) AND
- BIOL 2011 - Human Anatomy and Physiology I Lab **0 credit hours** (Nat Sci)
- BIOL 2020 - Human Anatomy and Physiology II **4 credit hours** AND
- BIOL 2021 - Human Anatomy and Physiology II Lab **0 credit hours**

**Choose 6 hours from:**

- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

### **Subtotal: 32 Hours**

#### **Junior**

- HSC 4410 - Consumer Economics **3 credit hours**
- NFS 3100 - Food and Culture in the United States **3 credit hours**
- NFS 3280 - Sports Nutrition **3 credit hours**
- NFS 4210 - Nutrition in Aging **3 credit hours**
- NFS 4240 - Experimental Food Study **3 credit hours**
- NFS 4250 - Maternal and Child Nutrition **3 credit hours**
- NFS 4265 - Food Safety and Sanitation **1 credit hour**
- NFS 4270 - Advanced Nutrition I **3 credit hours**
- NFS 4271 - Advanced Nutrition II **3 credit hours**
- CHEM 2030 - Elements of Organic Chemistry **4 credit hours** AND
- CHEM 2031 - Elements of Organic Chemistry Lab **0 credit hours**
- CHEM 3530 - Principles of Biochemistry **4 credit hours** AND
- CHEM 3531 - Principles of Biochemistry Lab **0 credit hours**

### **Subtotal: 33 Hours**

#### **Senior**

- HSC 4000 - Senior Seminar **1 credit hour**
- NFS 4010 - Professional Issues in Dietetics **1 credit hour**
- NFS 4220 - Food Systems Management **4 credit hours**
- NFS 4222 - Dietetics Management **4 credit hours**
- NFS 4300 - Medical Nutrition Therapy I **4 credit hours**
- NFS 4305 - Nutrition Coaching and Counseling Skills **3 credit hours**
- NFS 4310 - Medical Nutrition Therapy II **4 credit hours**

- BIOL 2230 - Microbiology **4 credit hours** AND
- BIOL 2231 - Microbiology Lab **0 credit hours**

**Subtotal: 25 Hours**

**Total hours in program: 120**

### **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Nutrition and Food Science, Dietetics, B.S., Academic Map**

## **Textiles, Merchandising, and Design Minor**

### **Department of Human Sciences**

A minor in Textiles, Merchandising, and Design requires 18 hours and is offered with an option in either fashion merchandising or apparel design.

### **Required Courses (9 hours)**

Both options require the following courses:

- TXMD 1110 - Basic Design **3 credit hours**
- TXMD 1170 - Introduction to the Fashion Industry **3 credit hours**
- TXMD 2180 - Textiles I **3 credit hours** AND
- TXMD 2181 - Textiles I Laboratory **0 credit hours**

### **Fashion Merchandising Option (9 hours)**

- TXMD 3150 - Apparel Selection and Evaluation **3 credit hours**
- TXMD 3170 - Fashion Branding **3 credit hours**
- TXMD 4150 - Fashion Buying **3 credit hours**

### **Apparel Design Option (9 hours)**

- TXMD 3220 - Patternmaking I **3 credit hours**
- TXMD 3300 - Clothing II **3 credit hours**  
**Select one course from**
- TXMD 3120 - Textiles II **3 credit hours**
- TXMD 3150 - Apparel Selection and Evaluation **3 credit hours**
- TXMD 3370 - Fashion Illustration I **3 credit hours**
- TXMD 4220 - Computer-Aided Apparel Design I **3 credit hours**

# **Textiles, Merchandising, and Design, Apparel Design Concentration, B.S.**

**Department of Human Sciences**

**615-898-2884**

**Gina Pisut, program coordinator**

**Gina.Pisut@mtsu.edu**

The major in Textiles, Merchandising, and Design (TXMD) leads to entry-level career opportunities in fashion-related industries and requires the selection of one concentration from the two available: Apparel Design and Fashion Merchandising. Textiles, Merchandising, and Design majors and minors must earn a grade of C or higher in all TXMD courses. Students earning a D or F will be required to repeat the course before being allowed to advance in the program.

The Textiles, Merchandising, and Design program consists of four academic years. Students enter the program as Textiles, Merchandising, and Design majors or minors and must complete the first 30 credit hours of the Textiles, Merchandising, and Design curriculum consisting of General Education courses and Textiles, Merchandising, and Design pre-admission required courses. Students then apply for admission to the Textiles, Merchandising, and Design professional sequence of courses. When a student applies for admission, is accepted, and becomes enrolled, he/she is then classified as a TXMD major or minor admitted to the program and can then progress in required TXMD professional sequence courses.

The number of students accepted into the TXMD program is limited, making the application process competitive. Textiles, Merchandising, and Design students enrolled in the University and pursuing the first two semesters of the curriculum should maintain a minimum 2.50 cumulative grade point average and are required to earn no less than a C (2.00) in any prerequisite course.

A concentration in Apparel Design allows the student to prepare for entry-level positions in the growing area of design, pattern making, and manufacturing. In addition to the major and concentration, a minor in Art, Entertainment Arts Design, Entrepreneurship, French, Mass Communication (any area of MC study), or Spanish is required.

## **Admission and Progression**

### **Curriculum Prior to Admission to the Professional Course Sequence**

1. Any student formally admitted to the University may pursue the Textiles, Merchandising, and Design (TXMD) curriculum.
2. Textiles, Merchandising, and Design majors and/or minors are required to complete HSC 1010 (not required for TXMD minors), TXMD 1110 and TXMD 1170 prior to applying for admission to the Professional Course Sequence.

**Required 30 credit hours for application, with a grade of C (2.00) or better:**

General Education ENGL 1010, ENGL 1020 - 6 hours

General Education Natural Science - 8 hours

General Education Math - 3 hours

General Education ART 1030 (or ART 1910 or ART 1920) - 3 hours

TXMD 1110, TXMD 1170 - 6 hours

HSC 1010 - 1 hour

Other from required professional support or general education courses - 3 hours

3. Textiles, Merchandising, and Design students are expected to seek advising from the TXMD faculty each semester to ensure that they are following the proper sequence for completion of the prerequisite courses.

### **Professional Course Sequence**

1. An application form must be submitted to the Textiles, Merchandising, and Design program during the Spring semester prior to beginning the **Professional Course Sequence**.
2. Transcript validation of all prerequisite courses must be on file in the MTSU Records Office.

3. A cumulative undergraduate college grade point average of 2.50 is required for eligibility in the TXMD program.
4. Applicants must have no grade less than a C (2.00) in any pre-admission required courses before entering the **Professional Course Sequence**.
5. Scores from a standardized examination (ACT/SAT) along with the college grade point average will be used to rank candidates for progression to the **Professional Course Sequence**.
6. Students must attain a minimum grade of C (2.00) in all Textiles, Merchandising, and Design courses.
7. Students may repeat a course only once to earn a minimum grade of C (2.00).
8. Students may repeat a maximum of two courses (major or prerequisite).
9. Failure of more than two TXMD courses will result in dismissal from the program. A failing grade is defined as receiving a grade of less than C (2.00).
10. Students will be dismissed from the Textiles, Merchandising, and Design major if they
  - a. commit a breach of ethics or gross professional negligence,
  - b. fail to progress due to unsuccessful attainment of requirements. Students who fail to progress will be readmitted on a space-available basis. Only one readmission for failure to progress will be allowed.
  - c. For transfer students who are admitted into the TXMD program, a grade of D/F from another school counts as the first "failing" attempt and the next incidence of D/F, in any TXMD course at MTSU, counts as the second incident, thus resulting in dismissal from the program. (See item 7 above.)
11. If a student receives a D or F in a Textiles, Merchandising, and Design course at MTSU, he/she must repeat that course at MTSU.
12. Readmission to the program for any returning TXMD major who left the University in good standing will be granted on a space-available basis.
13. Further specific details regarding admission and progression are available from the coordinator of the Textiles, Merchandising, and Design program.

## **Curriculum: Textiles, Merchandising, and Design, Apparel Design**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### **Freshman Fall**

- TXMD 1110 - Basic Design **3 credit hours** OR
- TXMD 1170 - Introduction to the Fashion Industry **3 credit hours**
- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- HSC 1010 - Career Orientation **1 credit hour**
- Natural Sciences **4 credit hours**
- Mathematics **3 credit hours**

**Subtotal: 14 Hours**

### **Freshman Spring**

- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- Humanities/Fine Arts (ART 1030 recommended) **3 credit hours**
- Natural Sciences **4 credit hours**
- TXMD 1110 - Basic Design **3 credit hours** OR
- TXMD 1170 - Introduction to the Fashion Industry **3 credit hours**

- TXMD 2180 - Textiles I **3 credit hours** AND
- TXMD 2181 - Textiles I Laboratory **0 credit hours**

### **Subtotal: 16 Hours**

#### **Sophomore Fall**

- TXMD 3200 - Clothing I **3 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- TXMD 3370 - Fashion Illustration I **3 credit hours**

### **Subtotal: 15 Hours**

#### **Sophomore Spring**

- TXMD 3300 - Clothing II **3 credit hours**
- Minor\* **3 credit hours**
- TXMD 2200 - History of Fashion **3 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- TXMD 2110 - Fashion Forecasting **3 credit hours**

### **Subtotal: 15 Hours**

#### **Junior Fall**

- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**
- CDFS 3320 - Family Relations **3 credit hours**
- TXMD 3220 - Patternmaking I **3 credit hours**
- Minor\* **3 credit hours**
- TXMD 3120 - Textiles II **3 credit hours** OR
- HSC 4410 - Consumer Economics **3 credit hours**

### **Subtotal: 15 Hours**

#### **Junior Spring**

- TXMD 3320 - Patternmaking II **3 credit hours**
- Minor\* **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- TXMD 4220 - Computer-Aided Apparel Design I **3 credit hours**

- TXMD 3120 - Textiles II **3 credit hours** OR
- HSC 4410 - Consumer Economics **3 credit hours**

**Subtotal: 15 Hours**

**Senior Fall**

- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**
- NFS 1240 - Principles of Nutrition **3 credit hours**
- TXMD 4320 - Computer Aided Apparel Design II **3 credit hours**
- Minor\* **3 credit hours**
- TXMD elective **3 credit hours**

**Subtotal: 15 Hours**

**Senior Spring**

- HSC 4000 - Senior Seminar **1 credit hour**
- TXMD 4100 - Fashion Promotion **3 credit hours**
- Minor\* **6 credit hours**
- Elective **2 credit hours**
- TXMD 4140 - Apparel Manufacturing and Sourcing **3 credit hours** OR
- TXMD 4400 - Fashion Product Line Development and Merchandising **3 credit hours**

**Subtotal: 15 Hours**

**Total hours in program: 120**

**NOTE:**

*\*Minor may be selected from any of the following: Art - 18 hours; Entrepreneurship - 18 hours; Entertainment Arts Design - 15 hours; French - 18 hours; Mass Communication - 18 hours; or Spanish - 18 hours.*

*\*\*The number of hours required as electives may vary depending upon the courses taken. All students must have a minimum of 120 hours in order to graduate, so the number of hours required as electives may vary.*

**Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Textiles, Merchandising, and Design, Apparel Design, B.S., Academic Map**

# **Textiles, Merchandising, and Design, Fashion Merchandising Concentration, B.S.**

**Department of Human Sciences**

**615-898-2884**

**Gina Pisut, program coordinator**

**Gina.Pisut@mtsu.edu**

The major in Textiles, Merchandising, and Design (TXMD) leads to entry-level career opportunities in fashion-related industries and requires the selection of one concentration from the two available: Apparel Design and Fashion Merchandising. Textiles, Merchandising, and Design majors and minors must earn a grade of C or higher in all TXMD courses. Students earning a D or F will be required to repeat the course before being allowed to advance in the program.

The Textiles, Merchandising, and Design program consists of four academic years. Students enter the program as Textiles, Merchandising, and Design majors or minors and must complete the first 30 credit hours of the Textiles, Merchandising, and Design curriculum consisting of General Education courses and Textiles, Merchandising, and Design pre-admission required courses. Students then apply for admission to the Textiles, Merchandising, and Design professional sequence of courses. When a student applies for admission, is accepted, and becomes enrolled, he/she is then classified as a TXMD major or minor admitted to the program and can then progress in required TXMD professional sequence courses.

The number of students accepted into the TXMD program is limited, making the application process competitive. Textiles, Merchandising, and Design students enrolled in the University and pursuing the first two semesters of the curriculum should maintain a minimum 2.50 cumulative grade point average and are required to earn no less than a C (2.00) in any prerequisite course.

A concentration in Fashion Merchandising emphasizes the business functions of the promotion and sale of fashions in the retail sector and synchronization with the design, production, and retail functions in the manufacturing sector of the fashion industry. In addition to the major and concentration, a minor in one of the following areas is required: Business Administration, Entrepreneurship, French, Management, Marketing, Mass Communication, or Spanish.

## **Admission and Progression**

### **Curriculum Prior to Admission to the Professional Course Sequence**

1. Any student formally admitted to the University may pursue the Textiles, Merchandising, and Design (TXMD) curriculum.
2. Textiles, Merchandising, and Design majors and/or minors are required to complete HSC 1010 (not required for TXMD minors), TXMD 1110 and TXMD 1170 prior to applying for admission to the Professional Course Sequence.

**Required 30 credit hours for application, with a grade of C (2.00) or better:**

General Education ENGL 1010, ENGL 1020 - 6 hours

General Education Natural Science - 8 hours

General Education Math - 3 hours

General Education ART 1030 - 3 hours

TXMD 1110, TXMD 1170 - 6 hours

HSC 1010 - 1 hour

Other from required professional support or general education courses - 3 hours

3. Textiles, Merchandising, and Design students are expected to seek advising from the TXMD faculty each semester to ensure that they are following the proper sequence for completion of the prerequisite courses.

### **Professional Course Sequence**

1. An application form must be submitted to the Textiles, Merchandising, and Design program during the Spring semester prior to beginning the **Professional Course Sequence**.
2. Transcript validation of all prerequisite courses must be on file in the MTSU Records Office.

3. A cumulative undergraduate college grade point average of 2.50 is required for eligibility in the TXMD program.
4. Applicants must have no grade less than a C (2.00) in any pre-admissions required courses before entering the **Professional Course Sequence**.
5. Scores from a standardized examination (ACT/SAT) along with the college grade point average will be used to rank candidates for progression to the **Professional Course Sequence**.
6. Students must attain a minimum grade of C (2.00) in all Textiles, Merchandising, and Design courses.
7. Students may repeat a course only once to earn a minimum grade of C (2.00).
8. Students may repeat a maximum of two courses (major or prerequisite).
9. Failure of more than two TXMD courses will result in dismissal from the program. A failing grade is defined as receiving a grade of less than C (2.00).
10. Students will be dismissed from the Textiles, Merchandising, and Design major if they
  - a. commit a breach of ethics or gross professional negligence,
  - b. fail to progress due to unsuccessful attainment of requirements. Students who fail to progress will be readmitted on a space-available basis. Only one readmission for failure to progress will be allowed.
  - c. For transfer students who are admitted into the TXMD program, a grade of D/F from another school counts as the first "failing" attempt and the next incidence of D/F, in any TXMD course at MTSU, counts as the second incident, thus resulting in dismissal from the program. (See item 7 above.)
11. If a student receives a D or F in a Textiles, Merchandising, and Design course at MTSU, he/she must repeat that course at MTSU.
12. Readmission to the program for any returning TXMD major who left the University in good standing will be granted on a space-available basis.
13. Further specific details regarding admission and progression are available from the coordinator of the Textiles, Merchandising, and Design program.

## **Curriculum: Textiles, Merchandising, and Design, Fashion Merchandising**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### **Freshman Fall**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- HSC 1010 - Career Orientation **1 credit hour**
- Natural Sciences **4 credit hours**
- MATH **3 credit hours**
- TXMD 1110 - Basic Design **3 credit hours** OR
- TXMD 1170 - Introduction to the Fashion Industry **3 credit hours**

### **Subtotal: 14 Hours**

### **Freshman Spring**

- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- Humanities/Fine Arts (ART 1030 recommended) **3 credit hours**
- Natural Sciences **4 credit hours**
- NFS 1240 - Principles of Nutrition **3 credit hours**

- TXMD 1110 - Basic Design **3 credit hours** OR
- TXMD 1170 - Introduction to the Fashion Industry **3 credit hours**

**Subtotal: 16 Hours**

**Sophomore Fall**

- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- TXMD 2180 - Textiles I **3 credit hours** AND
- TXMD 2181 - Textiles I Laboratory **0 credit hours**

**Subtotal: 15 Hours**

**Sophomore Spring**

- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- TXMD 2200 - History of Fashion **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- TXMD 2110 - Fashion Forecasting **3 credit hours**

**Subtotal: 15 Hours**

**Junior Fall**

- TXMD 4220 - Computer-Aided Apparel Design I **3 credit hours** OR
- HSC 4430 - Resource Management **3 credit hours**
- TXMD 3120 - Textiles II **3 credit hours** or see list\*\*
- Minor **3 credit hours**
- TXMD 3170 - Fashion Branding **3 credit hours**
- TXMD 3150 - Apparel Selection and Evaluation **3 credit hours** OR
- TXMD 3300 - Clothing II **3 credit hours**

**Subtotal: 15 Hours**

**Junior Spring**

- TXMD 3120 - Textiles II **3 credit hours** or see list\*\*
- Minor **6 credit hours**

- Elective **3 credit hours**
- ACTG 2110 - Principles of Accounting I **3 credit hours** OR
- ACTG 3000 - Survey of Accounting for General Business **3 credit hours**

### **Subtotal: 15 Hours**

#### **Senior Fall**

- CDFS 3320 - Family Relations **3 credit hours**
- Minor **6 credit hours**
- TXMD 4170 - Social Aspects of Clothing **3 credit hours**
- HSC 4410 - Consumer Economics **3 credit hours**

### **Subtotal: 15 Hours**

#### **Senior Spring**

- TXMD 4100 - Fashion Promotion **3 credit hours**
- TXMD 4150 - Fashion Buying **3 credit hours**
- HSC 4000 - Senior Seminar **1 credit hour**
- Minor or elective **3 credit hours** \*
- Electives **2 credit hours**
- TXMD 4140 - Apparel Manufacturing and Sourcing **3 credit hours** OR
- TXMD 4400 - Fashion Product Line Development and Merchandising **3 credit hours** or see list\*\*

### **Subtotal: 15 Hours**

#### **NOTE:**

*The number of elective hours required depends upon the choice of minors. All students must have a minimum of 120 hours to graduate, so the number of elective hours may vary.*

*\*Minor may be selected from any of the following: Business Administration - 18 hours; Entrepreneurship - 18 hours; French - 18 hours; Marketing - 15 hours; Management - 15 hours; Mass Communication - 18 hours; or Spanish - 18 hours.*

*\*\*A total of 9 semester hours must be earned and selected from any of the following courses: TXMD 3120, TXMD 3200, TXMD 3220, TXMD 3370, TXMD 4140, TXMD 4400; HSC 4043, HSC 4053, HSC 4103; or CDFS 3330.*

### **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Textiles, Merchandising, and Design, Fashion Merchandising, B.S., Academic Map**

## **Child Development and Family Studies**

### **CDFS 2350 - Human Development I**

#### **3 credit hours**

(Same as ECE 2350.) Child development theories. Physical, cognitive, psychosocial development of the child, conception to three years of age. Diversity issues affecting development addressed. One hour observation per week required.

### **CDFS 3300 - Caring Across Generations**

#### **4 credit hours**

Prerequisite: Permission of instructor. A service learning course in which students are trained as certified nurses' assistants (CNAs) including basic care skills as well as interaction with the elderly and their families. Designed to help students assess their level of interest in pursuing careers in working with children and/or the elderly in a medical setting.

### **CDFS 3310 - Human Development II**

#### **3 credit hours**

(Same as ECE 3310.) Prerequisite: CDFS 2350 or permission of instructor. Physical, cognitive, psychosocial development of the child, from three years of age through middle childhood. Diversity issues affecting development addressed. One hour observation per week required.

### **CDFS 3320 - Family Relations**

#### **3 credit hours**

Family systems, giving consideration to interpersonal relationships. The structure, function, and development of families in a changing society and in relation to other social institutions.

### **CDFS 3330 - Dynamics of Interpersonal Relationships**

#### **3 credit hours**

Skills and knowledge essential to the development and maintenance of interpersonal and work relationships analyzed. Topics focus on self-awareness, communication in various types of relationships, and managing feelings and conflict.

### **CDFS 3340 - Life Span Human Development**

#### **3 credit hours**

Emotional, social, physical, and intellectual growth and development of the individual over the life span with a family-oriented emphasis. Not available to Early Childhood Education and/or Family and

Consumer Studies: Child Development and Family Studies majors.

### **CDFS 3390 - Child Development and Family Studies Professional Seminar**

#### **3 credit hours**

Prerequisites: Junior standing in the CDFS program and approval of the instructor. A prerequisite to HSC 4101 Internship in CDFS. Professional issues of ethics, networking, social change and public policy relating to children and families to be covered in 50-hour seminar format. Also, a site-approved, 100-hour field placement to be completed. *Offered Fall only.*

### **CDFS 4140 - Violence in the Family**

#### **3 credit hours**

(Same as SOC 4140.) Prerequisite: CDFS 3320 or SOC 2500 or permission of instructor. The causes, dynamics, and consequences of violence in the family. Includes the discussion of violence toward children, spouses, dating partners, siblings, and elders. Emphasizes the social conditions which lead to these types of violence.

### **CDFS 4310 - Human Development III**

#### **3 credit hours**

In-depth study of physical, intellectual, social, and emotional factors influencing development during adolescence and the reciprocal influences between adolescent development and the family system. Emphasis on the ecological perspective to include the relation between adolescent development, families, and society.

### **CDFS 4340 - The Contemporary Family**

#### **3 credit hours**

Prerequisite: CDFS 3320 or permission of instructor. An ecological approach to the study of contemporary issues, problems, questions, and life styles as they relate to families and individuals.

### **CDFS 4350 - Parenting**

#### **3 credit hours**

Prerequisite: CDFS 3320 and CDFS 2350 or CDFS 3310 or PSY 4190 (with C- or better), or permission of instructor. Knowledge of parenting and parent/child interactions and the role of the parent educator from various theoretical and applied perspectives.

### **CDFS 4390 - Families in Later Life**

#### **3 credit hours**

Prerequisites: Human Science majors - CDFS 3320; Sociology majors - SOC 2600 or permission of

instructor. Examination of families in later life from an ecological approach with emphasis on family forms and relationships.

### **CDFS 4391 - Aging Health and Development**

#### **3 credit hours**

Prerequisite: CDFS 4390 or SOC 2600 or permission of the instructor. A service learning opportunity that provides students with understanding of the concepts and application of aging, families in later life, assessment, and gerontological program planning and implementation. May be repeated with permission of instructor.

### **CDFS 4710 - Family Centered Community Building**

#### **I**

#### **3 credit hours**

Prerequisite: CDFS 3320 or permission of instructor. A survey course on family-centered community building (FCCB). Introduces advanced undergraduates to a range of topics, issues, and frameworks. Focused on cohesive, family-centered communities. *Offered fall only.*

### **CDFS 4720 - Family Centered Community Building**

#### **II**

#### **3 credit hours**

Prerequisite: CDFS 4710 (with a C- or better) or permission of instructor. A service-learning course based on the application of family-centered community building. Introduces undergraduate students as well as community practitioners to issues and activities intended to help build stronger, more cohesive, and family-centered communities. *Offered spring only.*

### **CDFS 4790 - Family Life Program Development and Evaluation**

#### **3 credit hours**

Prerequisites: CDFS 2350, CDFS 3310, CDFS 3320, CDFS 3390, CDFS 4310, CDFS 4340, CDFS 4350, CDFS 4390 , and CDFS 4710 (with grade of C- or better). Addresses concepts of family life education as they apply to the development, implementation, and evaluation of programs. Incorporates developmentally appropriate criteria for individuals and families over the life span.

## **Family and Consumer Sciences**

### **FCSE 1400 - Personal Finance**

#### **3 credit hours**

Focuses on key financial concepts that affect

individuals and families as responsible economic citizens. Emphasis placed on utilizing personal financial planning tools for effective money management practices throughout the life span.

### **FCSE 2510 - Family and Consumer Sciences Education Curriculum**

#### **3 credit hours**

Overview of the philosophy, careers, federal and state legislation and standards, co-curricular youth programs and curriculum in Family and Consumer Sciences Education. Emphasis on diversity, technology, globalization, lifelong learning, and special needs of students.

### **FCSE 3510 - Methods and Materials for Teaching Family and Consumer Sciences Education**

#### **3 credit hours**

Prerequisite: FCSE 2510. Influences on FCSE components of a learning environment, principles of teaching, and curriculum construction; analysis and application of assessment tools and data collection methods for the FCS classroom; and a career management action plan. Community resources and local educators provide mentoring and teaching opportunities in classrooms.

### **FCSE 4500 - Occupational Field Experience**

#### **3 credit hours**

Prerequisite: Permission of instructor. Directed participation in planned and supervised occupational experiences of 8 hours field experience per week.

### **FCSE 4501 - Care and Guidance of Children**

#### **3 credit hours**

Prerequisite: Permission of instructor. Directed participation in planned and supervised occupational experiences of 8 hours field experience per week.

### **FCSE 4502 - Food Production and Management**

#### **2 credit hours**

Prerequisite: Permission of instructor. Directed participation in planned and supervised occupational experiences of 7 hours field experience per week. Must apply previous semester.

### **FCSE 4540 - Teaching Family and Consumer Sciences Education**

#### **1 to 6 credit hours**

Review of recent advances in Family and Consumer Sciences Education. Analysis and evaluation of selected topics, materials, and methods in terms of

their appropriateness for teaching competencies in Family and Consumer Sciences.

#### **FCSE 4550 - Curriculum Development**

##### **3 credit hours**

Review of recent advances in Family and Consumer Sciences Education. Analysis and evaluation of selected topics, materials, and methods in terms of their appropriateness for teaching curriculum objectives in home economics.

#### **FCSE 4560 - Problems in Teaching Materials**

##### **1 to 3 credit hours**

Prerequisite: Permission of department chair. Application of principles and techniques involved in the selection and preparation of effective teaching materials and visual aids.

#### **FCSE 4570 - Fundamentals of Culinary Arts**

##### **3 credit hours**

(Same as NFS 4570.) Prerequisite: NFS 3200. Fundamentals and basic concepts of culinary arts to include professionalism; *mis en place*; Escoffier's kitchen brigade system; tools and equipment; knife skills; preparation of sauces and stocks; principles of meat, fish, dairy, and vegetable cookery; *garde manger*; baking; and presentation of aesthetically appealing plates and buffets.

## **Human Sciences**

#### **HSC 1010 - Career Orientation**

##### **1 credit hour**

Development and scope of Family and Consumer Sciences/Human Sciences as a profession; its wide variety of career opportunities with analysis of interests, aptitudes, proficiency, and education related to success in these areas.

#### **HSC 3020 - Presentation Techniques**

##### **3 credit hours**

Principles and techniques of effective presentations and demonstrations. Opportunities for experience in presenting demonstrations to the public through mass media. Three hours per week.

#### **HSC 3430 - Housing**

##### **3 credit hours**

Evaluation of housing in terms of family needs, economics, building codes, legislation, and technological developments. Housing alternatives presented and analyzed with emphasis on future trends in the field. *Offered spring only.*

#### **HSC 4000 - Senior Seminar**

##### **1 credit hour**

Prerequisites: HSC 1010 and junior standing. Examines Family and Consumer Sciences/Human Sciences professions from a global perspective. Identifies skills for success in developing and managing a career. Includes resume and cover letters, leadership, networking, life/work planning, and ethics and professionalism in Human Sciences fields.

#### **HSC 4040 - Seminar in Human Sciences**

##### **3 credit hours**

Permission of department. Individual research and/or analysis of contemporary problems and issues in a concentrated area of study. For advanced students.

#### **HSC 4041 - Seminar in Human Sciences: Child Development and Family Studies**

##### **3 credit hours**

Prerequisite: Permission of department. Individual research and/or analysis of contemporary problems and issues in a concentrated area of study. For advanced students. Can be repeated for up to 9 hours.

#### **HSC 4042 - Seminar in Human Sciences: Nutrition and Food Science**

##### **3 credit hours**

Prerequisite: Permission of department. Individual research and/or analysis of contemporary problems and issues in a concentrated area of study. For advanced students. Can be repeated for up to 9 hours.

#### **HSC 4043 - Seminar in Human Sciences: Textiles, Merchandising, and Design**

##### **3 credit hours**

Prerequisite: Permission of department. Individual research and/or analysis of contemporary problems and issues in a concentrated area of study. For advanced students. Can be repeated for up to 9 hours.

#### **HSC 4044 - Seminar in Human Sciences: Interior Design**

##### **3 credit hours**

Prerequisite: Permission of department. Individual research and/or analysis of contemporary problems and issues in a concentrated area of study. For advanced students. Can be repeated for up to 9 hours.

**HSC 4050 - Advanced Problems in Human Sciences****3 credit hours**

Permission of department. Provides an opportunity for advanced students to do independent study or conduct research in their areas of emphasis.

**HSC 4051 - Advanced Problems in Human Sciences: Child Development and Family Studies****3 credit hours**

Prerequisite: Permission of department. Opportunity for advanced students to do independent study or conduct research in their areas of emphasis. Topic of study or research to be determined by student and professor prior to registration. Can be repeated for up to 9 hours.

**HSC 4052 - Advanced Problems in Human Sciences: Nutrition and Food Science****3 credit hours**

Prerequisite: Permission of department. Opportunity for advanced students to do independent study or conduct research in their areas of emphasis. Topic of study or research to be determined by student and professor prior to registration. Can be repeated for up to 9 hours.

**HSC 4053 - Advanced Problems in Human Sciences: Textiles, Merchandising, and Design****3 credit hours**

Prerequisite: Permission of department. Opportunity for advanced students to do independent study or conduct research in their areas of emphasis. Topic of study or research to be determined by student and professor prior to registration. Can be repeated for up to 9 hours.

**HSC 4054 - Advanced Problems in Human Sciences: Interior Design****3 credit hours**

Prerequisite: Permission of department. Opportunity for advanced students to do independent study or conduct research in their areas of emphasis. Topic of study or research to be determined by student and professor prior to registration. Can be repeated for up to 9 hours.

**HSC 4060 - Readings in Human Sciences****1 to 3 credit hours**

Prerequisite: Permission of department. Selected readings in current trends, developments, and research in human sciences. Topic of independent study to be determined prior to registration.

**HSC 4061 - Readings in Human Sciences****1 to 3 credit hours**

Prerequisite: Permission of department. Selected readings of current trends, developments, and research in human sciences of interest to teachers and students through independent study.

**HSC 4100 - Internship****6 credit hours**

Prerequisites: Departmental approval and minimum 2.25 GPA. Directed and supervised experience designed to acclimate seniors in day-to-day demands, skills, and personal relationships in their major fields. Provides students with professional experiences. Includes a minimum of 300 hours at the worksite plus scheduled seminars.

**HSC 4101 - Internship: Child Development and Family Studies****6 credit hours**

Prerequisites: CDFS 2350, CDFS 3310, CDFS 3330, CDFS 3390, CDFS 4140, CDFS 4310, CDFS 4340, CDFS 4350, CDFS 4390, CDFS 4391, and CDFS 4790. Permission of department and minimum 2.25 GPA, and specific program area course requirements. Experiential learning opportunity to provide students with supervised professional work experience in their major fields. Minimum of 300 hours at internship site plus seminars. *Offered spring and summer only.*

**HSC 4102 - Internship: Nutrition and Food Science****6 credit hours**

Prerequisites: NFS 3200 and HSC 4430. Permission of department and minimum 2.25 GPA, and specific program area course requirements. Experiential learning opportunity to provide students with supervised professional work experience in their major fields. Minimum of 300 hours at internship site plus seminars.

**HSC 4103 - Internship: Textiles, Merchandising, and Design****6 credit hours**

Prerequisites: retail oriented: TXMD candidacy; design oriented: TXMD candidacy. Permission of department, minimum 2.25 GPA, and specific program area course requirements. Experiential learning opportunity to provide students with supervised professional work experience in their major fields. Minimum of 300 hours at internship site plus seminars.

**HSC 4104 - Internship: Interior Design****6 credit hours**

Prerequisites: IDES 3740, IDES 3770, IDES 4740, and IDES 4750. Permission of department, minimum 2.25 GPA, and specific program area course requirements. Experiential learning opportunity to provide students with supervised professional work experience in their major fields. Minimum of 300 hours at internship site plus seminars.

**HSC 4410 - Consumer Economics****3 credit hours**

Study of the economic system and factors influencing consumer decisions and the marketplace; identifies social, economic, and political forces shaping consumer demands; and analyzes the influence of customs, trends, peer groups, and advertising.

**HSC 4420 - Personal and Family Management****3 credit hours**

Examines management functions. Emphasis on management roles and responsibilities of Human Sciences professionals, the relationship of the learning organization concept to the Human Sciences profession, and the use of quality improvement techniques to solve problems encountered by professionals.

**HSC 4430 - Resource Management****3 credit hours**

Opportunity to identify and integrate the management functions of the Human Sciences areas. Emphasis on management roles and responsibilities of Human Sciences professionals, the relationship of the learning organization concept to the Human Science profession, and the use of quality improvement techniques to solve Human Sciences-related problems.

**HSC 4450 - Professionalism in Consumer Services****3 credit hours**

The role, functions, and responsibilities of consumer services professionals employed in business, government, and other organizations.

**HSC 4460 - Global Topics in Human Sciences****3 credit hours**

Globalization, world economics, and global consumer trends relative to Human Sciences. Sustainability and social responsibility provide a framework for the study of the cultural, commercial, economics, and aesthetic aspects of consumerism.

**Interior Design****IDES 2700 - Interior Design Fundamentals****3 credit hours**

Prerequisite: Sophomore standing; admission to IDES professional course sequence. IDES 2700 and IDES 2710 must be taken during the same semester. Explores elements and principles of design with emphasis on the impact on the built environment. Five contact hours per week.

**IDES 2710 - Interior Design Graphics****3 credit hours**

Prerequisite: Sophomore standing; admission to IDES professional course sequence. IDES 2700 and IDES 2710 must be taken during same semester. Drafting techniques and media commonly used in interior design. Will include orthographic, isometric, axonometric, and oblique drawings, graphic symbols, and entourage. Five contact hours per week.

**IDES 2930 - Cooperative Education****3 credit hours**

Prerequisite: Permission of instructor. Experiential learning that occurs in real employment situations. Must be taken in sequence or approved by the IDES coop coordinator.

**IDES 2940 - Cooperative Education****3 credit hours**

Prerequisite: Permission of instructor. Experiential learning that occurs in real employment situations. Must be taken in sequence or approved by the IDES coop coordinator.

**IDES 3600 - House Design****3 credit hours**

Prerequisites: IDES 2700 and IDES 2710; must be taken concurrently with IDES 3750. Typical house construction methods. Emphasis on the organization and documentation of interior space, light frame construction methods and materials, structure, and systems derived from human needs and activities. Five contact hours per week.

**IDES 3700 - Interior Design Visual Presentations I****3 credit hours**

Prerequisites: IDES 3600; IDES 3720; ART 1620. Corequisite: IDES 3730. Interior rendering techniques, perspective drawing, sketching, and operation and care of equipment necessary in the effective communication of design solutions. Five contact hours per week.

**IDES 3710 - Principles of Interior Design****3 credit hours**

Prerequisites: IDES 2700 and IDES 2710. Basic principles, theories, and procedures involved in creative problem solving. Five contact hours per week.

**IDES 3720 - Interior Materials and Finishes****3 credit hours**

Prerequisites: IDES 2700 and IDES 2710. Materials and finishes used in the treatment of interior space to be examined in terms of properties, specifications, installation, and manufacturers.

**IDES 3730 - Residential Design I****3 credit hours**

Prerequisites: IDES 3710, IDES 3720, and IDES 3600. Corequisite: IDES 3700. Analysis and organization of components, materials, and space relative to human scale and habitability. Influence factors of architecture, function, and economics on the design of interior environment. Emphasis on the data gathering and space planning. Five contact hours per week.

**IDES 3740 - Interior Design Business Practices****3 credit hours**

Prerequisites: IDES 3600, IDES 3700, and IDES 3720. Must be taken concurrently with IDES 4740 and IDES 4750. Business practices, ethics, accessibility, building, fire, and life safety codes as applied to the interior design profession.

**IDES 3750 - Interior Design Visual Presentations II****3 credit hours**

Prerequisites: IDES 2700, IDES 2710; corequisite: IDES 3600. Presentation techniques using computer-aided drafting as applied to the interior design profession. Emphasis on 2-dimensional drawings. Five contact hours per week.

**IDES 3760 - Interior Design Visual Presentations****III****3 credit hours**

Prerequisites: IDES 3710, IDES 3720, and IDES 3750. Presentation techniques using computer-aided drafting as applied to the interior design profession. Emphasis on 3-dimensional drawings and customizing techniques. Five contact hours per week.

**IDES 3770 - Advanced Computer Applications in Interior Design****3 credit hours**

Prerequisites: IDES 3760. Computer applications used in creating interior design presentations. Emphasis on rendering and illustration. Five contact hours per week.

**IDES 3970 - Cooperative Education****3 credit hours**

Prerequisite: Permission of instructor. Experiential learning that occurs in real employment situations. Must be taken in sequence or approved by the IDES coop coordinator.

**IDES 3980 - Cooperative Education****3 credit hours**

Prerequisite: Permission of instructor. Experiential learning that occurs in real employment situations. Must be taken in sequence or approved by the IDES coop coordinator.

**IDES 4620 - House Furnishings****3 credit hours**

Design principles; space planning; materials; furniture styles, selection, and buying. Four contact hours per week. Not accepted for credit toward Interior Design major.

**IDES 4700 - History of Interiors****3 credit hours**

Prerequisite: Junior standing. Historic interiors: survey, analysis, and applications. Emphasis on major design characteristics of interior architectural and furnishing styles to the nineteenth century.

**IDES 4710 - Survey of Contemporary Interior Design****3 credit hours**

Prerequisite: IDES 4700. Survey of the development of contemporary interiors from the nineteenth century to the present with consideration given to style characteristics, cultural influences, designers, and relationships among styles.

**IDES 4730 - Residential Design II****3 credit hours**

Prerequisites: IDES 3730, IDES 3760, IDES 3770, IDES 4740, and IDES 4750. Corequisites: IDES 4780 and IDES 4790. Advanced studio experiences in residential interiors. Emphasis on designing for special populations, sustainable design, and multicultural influences. Five contact hours per week.

**IDES 4740 - Lighting Design****3 credit hours**

Prerequisites: IDES 3700, IDES 3730, and IDES 3760. Corequisites: IDES 3740 and IDES 4750. Principles, terminology, design requirements, and equipment for illumination in the interior environment. Light sources, controls, product analysis, selection, specification, environmental issues, programming, planning, and communication. Four contact hours per week.

**IDES 4750 - Introduction to Commercial Design****3 credit hours**

Prerequisites: IDES 3700, IDES 3730, and IDES 3760; corequisites: IDES 3740 and IDES 4740. Introduction to the issues and scope of the commercial interior design field; utilization of resources, human factors and client needs in planning and developing design solutions for office spaces. Five contact hours per week.

**IDES 4760 - Contract Design I****3 credit hours**

Prerequisites: IDES 3740, IDES 4730, IDES 4780, and IDES 4790; corequisite: IDES 4770. Specific human and physical needs encountered in the total design of interiors of a public nature. Emphasis on health care and institutional spaces. Five contact hours per week.

**IDES 4770 - Contract Design II****3 credit hours**

Prerequisite: IDES 3740, IDES 4730, IDES 4780, and IDES 4790; corequisite: IDES 4760. Advanced studio experience in contract design. Emphasis on problem solving, documentation, and presentation of hospitality spaces. Five contact hours per week.

**IDES 4780 - Interior Design Portfolio****3 credit hours**

Prerequisites: IDES 3740, IDES 4740, and IDES 4750; corequisites: IDES 4730 and IDES 4790. Preparation of interior design portfolio, including projects, resumes, and oral presentations. Design of retail spaces. Review of NCIDQ exam. Five contact hours per week.

**IDES 4790 - Interior Construction Documents****3 credit hours**

Prerequisites: IDES 3740, IDES 4740, and IDES 4750; corequisites: IDES 4730 and IDES 4780. Advanced studio experience addressing residential and commercial interior construction techniques,

documentation, and project management. Five contact hours per week.

**Nutrition and Food Science****NFS 1240 - Principles of Nutrition****3 credit hours**

Fundamentals of normal nutrition and its relationship to health and physical fitness with emphasis on the scientific, psychological, sociological, and economic aspects of nutrition. (Credit not allowed for Nutrition and Food Sciences major.)

**NFS 2220 - Nutrition for the Health Sciences****3 credit hours**

Elements of scientific, psychological, sociological bases of nutrition and its relationship to prevention and treatment of degenerative diseases. Emphasis on fostering communication between health care practitioners in assessment and implementation of nutrition care.

**NFS 3000 - Nutrition Principles for Physical Activity and Health****3 credit hours**

The fundamentals of normal nutrition and its relationships to physical activity, weight management, and health. Restricted to Exercise Science and Athletic Training students.

**NFS 3100 - Food and Culture in the United States****3 credit hours**

Traces development of foods in regions of the U.S. by immigration of ethnic groups or as native to areas. Influence of immigrant cultures and customs on the introduction and development of regional foods. Concepts include food production, supply, and food processing over the last 150 years and the impact on diet.

**NFS 3200 - Food Principles****3 credit hours**

Corequisite: NFS 3201. Basic physical and chemical principles, techniques, skills, sanitation, and economics involved in quality food selection, composition, and preparation. Five hours per week. Offered Fall only.

**NFS 3201 - Food Principles Lab****0 credit hours**

Corequisite: NFS 3200

**NFS 3210 - Meal Management****3 credit hours**

Functions of management applied to serving nutritionally adequate and aesthetically satisfying meals. Management of human and nonhuman resources in group situations. Five hours per week.

**NFS 3260 - Community Nutrition****3 credit hours**

Prerequisite: NFS 1240 or NFS 2220. Nutrition problems and practices in the community; nutrition programs of state and federal agencies; supervised field experiences; preparation of nutrition education materials.

**NFS 3280 - Sports Nutrition****3 credit hours**

Prerequisite: NFS 1240 or NFS 2220. Nutritional needs of individuals who participate on all levels of athletic performance. Emphasis placed on role of nutrients in athletic performance, ergogenic aids used by athletes, nutritional assessment, and nutritional needs of specific types and population groups of athletes.

**NFS 4010 - Professional Issues in Dietetics****1 credit hour**

Prerequisite: HSC 1010 with a B or better. Focuses on the transition from student to professional including preparation for dietetic internships, graduate education, and employment. *Offered fall only.*

**NFS 4090 - Field Experience in Foods and Nutrition****3 credit hours**

Prerequisites: NFS 2220 and permission of instructor; 2.25 GPA. Directed and supervised experience in a specialized area of dietetics or food management. Includes a minimum of 150 hours at the work site.

**NFS 4100 - Food Service Management for Culinary Arts****3 credit hours**

Explores the management process of the food service industry. Areas of study include food and beverage operations, facility design, food service marketing, menu planning, and nutritional concerns.

**NFS 4210 - Nutrition in Aging****3 credit hours**

Prerequisite: NFS 1240 or NFS 2220. Nutritional needs of elderly individuals and how these requirements are affected by physiological,

pathological, and socioeconomic changes associated with aging. Emphasis placed on assessment, nutrition counseling skills, and resources to assist elderly individuals with adequate nutrient intake.

**NFS 4220 - Food Systems Management****4 credit hours**

Prerequisite: NFS 4265 with B or better. Emphasis on food systems model, food safety and sanitation, menu planning, procurement, quantity food production, distribution and service, flow of food, and foodservice equipment. Combination of lecture and field placement. Six hours per week.

**NFS 4222 - Dietetics Management****4 credit hours**

Prerequisite: NFS 4220 and NFS 4265 with B or better. Introduces students to management roles and responsibilities of dietetics professionals. Emphasis on leadership, marketing food and nutrition services, financial management, facilities planning and design, human resource management, work improvement and productivity. *Offered Spring only.*

**NFS 4240 - Experimental Food Study****3 credit hours**

Prerequisites: NFS 3200 with grade of B and CHEM 2030/CHEM 2031 with a C or better or permission of instructor. Chemical and physical factors affecting the flavor, texture, color, and appearance of food. Emphasis placed on evaluation of sensory qualities of food, using subjective and objective measurements and new food product development. Meets four hours per week. *Offered Spring only.*

**NFS 4250 - Maternal and Child Nutrition****3 credit hours**

Prerequisite: NFS 1240 or NFS 2220 with a C- or better. Nutritional needs during pregnancy, infancy, and childhood related to physical and mental development. Emphasis on cultural, social, and psychological aspects of the development of food patterns and nutrition education resources.

**NFS 4251 - Nutrition for the Young Child****3 credit hours**

Fundamentals of nutrition with emphasis on its relationship to growth, development, and health during the prenatal period, infancy, and childhood. Geared to Early Childhood Education and Child Development and Family Studies majors.

**NFS 4260 - Food Safety Issues from Production to Consumption****3 credit hours**

(Same as ABAS 4850.) Issues impacting food production, food storage and transportation, food processing, and food consumption within food production facilities, the home, and food service facilities. Consumer concerns evaluated based on risk theory and scientific evaluation of safety, including decision-making through critical thinking. Food standards and regulations designed to improve safety of the food supply discussed.

**NFS 4265 - Food Safety and Sanitation****1 credit hour**

Prerequisite: NFS 3200 with a B or better. Addresses food safety issues impacting food production, food storage, and food service within the home and food service facilities along with food standards and regulations designed to improve safety of the food supply.

**NFS 4270 - Advanced Nutrition I****3 credit hours**

Prerequisite: NFS 2220 and BIOL 2010/BIOL 2011 and BIOL 2020/BIOL 2021 (with C or better). Advanced study of nutrients, standards for determination of nutrient needs and metabolism of nutrients in the body. *Offered Fall only.*

**NFS 4271 - Advanced Nutrition II****3 credit hours**

Prerequisite: NFS 4270 with C or better. Advanced study of vitamins, minerals, water, and phytochemicals. Emphasis on sources, functions, metabolism, deficiency conditions, and interactions. *Offered spring only.*

**NFS 4300 - Medical Nutrition Therapy I****4 credit hours**

Prerequisite: NFS 4271 with B or better. Modification of diets in pathological and special conditions. Diseases affecting the cardiac, hepatic, pancreatic, and gastrointestinal systems emphasized. Practice in applying strategies in medical nutrition therapy provided through structured case study format. Meets six hours per week. *Offered Fall only.*

**NFS 4305 - Nutrition Coaching and Counseling Skills****3 credit hours**

Corequisite: NFS 4310. Prerequisite: NFS 4300 with a B or better. Introduces different theories of behavior

change and counseling/coaching techniques used to implement these behavior changes. Applies counseling/coaching techniques, behavior change theories, and the nutrition care process by coaching clients toward nutrition-related behavior changes. *Offered spring only.*

**NFS 4310 - Medical Nutrition Therapy II****4 credit hours**

Prerequisite: NFS 4300 with B or better. Modification of diets in pathological and special conditions. Diseases affecting the renal system as well as cancer, diabetes, and metabolic stress emphasized. Practice in applying strategies in medical nutrition therapy provided through case study format, patient simulation, and field placement. Meets six hours per week. *Offered Spring only.*

**NFS 4570 - Fundamentals of Culinary Arts****3 credit hours**

(Same as FCSE 4570.) Prerequisite: NFS 3200. Fundamentals and basic concepts of culinary arts to include professionalism; *mis en place*; Escoffier's kitchen brigade system; tools and equipment; knife skills; preparation of sauces and stocks; principles of meat, fish, dairy, and vegetable cookery; *garde manger*; baking; and presentation of aesthetically appealing plates and buffets.

**Textiles, Merchandising, and Design****TXMD 1110 - Basic Design****3 credit hours**

Studio course that applies the elements and principles of design, aesthetics, and problem solving within the framework of apparel design and fashion merchandising. Basic introductory sewing techniques included to apply design fundamentals to fabric. Meets five hours per week.

**TXMD 1170 - Introduction to the Fashion Industry****3 credit hours**

How the fashion world operates from planning stages to consumer. Emphasis on production and distribution of fashion goods, current trends, and technological developments.

**TXMD 2110 - Fashion Forecasting****3 credit hours**

Prerequisites: TXMD 2180 and TXMD 2181. Explores forecasting frameworks and theories for explaining fashion dynamics. Application of forecasting techniques to project future change.

**TXMD 2180 - Textiles I****3 credit hours**

Corequisite: TXMD 2181. An overview of the textile industry including fibers, yarns, fabric construction, dyeing/printing techniques, and finishes. Emphasis placed on the selection of textile products in relation to end use. Includes labwork involving physical testing. Four contact hours per week.

**TXMD 2181 - Textiles I Laboratory****0 credit hours**

Corequisite: TXMD 2180.

**TXMD 2200 - History of Fashion****3 credit hours**

Survey of clothing and design from ancient to modern periods; consideration given to social, economic, and cultural conditions reflected in dress. *Offered once a year.*

**TXMD 3120 - Textiles II****3 credit hours**

Prerequisites: TXMD 2110, TXMD 2200, TXMD 2180/TXMD 2181. Studio course including research and discussion of recent developments in the textile industry regarding surface design techniques, material testing, and industry economics (including sustainability issues). Work will be completed focusing on contemporary textile industry problems related to raw materials, sourcing, distribution, retailing, and consumption. Five contact hours per week.

**TXMD 3150 - Apparel Selection and Evaluation****3 credit hours**

Prerequisites: TXMD 2180/TXMD 2181. An overview of the apparel industry structure and the functions of each division. Emphasis on recognizing quality in relation to fabrication, construction, and design of garments. No construction involved. *Offered once a year.*

**TXMD 3170 - Fashion Branding****3 credit hours**

Prerequisites: TXMD 2180/TXMD 2181. Principles underlying the fashion process and the study of fashion branding. Special emphasis on the dissemination of fashion throughout the world market and to the fashion designers and business leaders in the fashion world today. *Offered once a year.*

**TXMD 3200 - Clothing I****3 credit hours**

Fundamental clothing construction processes necessary for advanced work in clothing, including sewing machine operation. Garment construction from a commercial pattern and quality standards. Meets five hours per week. *Offered once a year.*

**TXMD 3220 - Patternmaking I****3 credit hours**

Prerequisite: TXMD 3300. Adaptation of commercial sloper patterns to individual proportions, pattern designing and application of principles of design to apparel designing. Five contact hours per week. *Offered once a year.*

**TXMD 3300 - Clothing II****3 credit hours**

Prerequisite: TXMD 3200. Advanced fashion problems with an emphasis on fitting and finishing. A series of half-scale sample exercise projects and full-scale garments will be completed. Meets five hours per week. *Offered once a year.*

**TXMD 3320 - Patternmaking II****3 credit hours**

Prerequisites: TXMD 3200 and TXMD 3220. Advanced apparel design techniques including patterning, draping, drafting, grading, and marker development via manual and computerized techniques. Five contact hours per week. *Offered once a year.*

**TXMD 3370 - Fashion Illustration I****3 credit hours**

Prerequisites: TXMD 2180/TXMD 2181. An overview of fashion illustration techniques allowing skill development of the fashion croquis and garments using various media techniques to communicate fashion ideas, moods, and details. Meets five hours per week. *Offered once a year.*

**TXMD 4100 - Fashion Promotion****3 credit hours**

Prerequisite: TXMD 4170 or TXMD 4320; senior standing (90 credit hours). An overview of the sales promotion process in relation to the fashion industry; emphasis on advertising, visual merchandising, special events, and fashion show production. *Offered once per year.*

**TXMD 4140 - Apparel Manufacturing and Sourcing****3 credit hours**

Prerequisites: TXMD 2180/TXMD 2181. Overview of textiles/apparel industry processes from raw material to consumption for apparel and other consumer products. Examines production and marketing of products, technological developments, domestic and global market strategies, and environmental practices via field trips. *Offered once a year.*

**TXMD 4150 - Fashion Buying****3 credit hours**

Prerequisites: TXMD 3170, ACTG 2110 or ACTG 3000, senior standing (90 credit hours). Principles of marketing, retailing, and sales as they apply to the merchandising of fashion goods. Special emphasis on fashion buying, planning, control, and computer applications for apparel businesses. *Offered once a year.*

**TXMD 4170 - Social Aspects of Clothing****3 credit hours**

Prerequisites: Senior standing (90 credit hours) and completion of Soc/Beh Sci General Education requirements. The interaction of sociological, psychological, economic, and cultural implications of clothing and textiles. *Offered once a year.*

**TXMD 4220 - Computer-Aided Apparel Design I****3 credit hours**

Uses project-based learning with computer-aided design software applicable to the apparel and textile industries to develop and use visual communication graphics appropriate for merchandising and design applications. Five hours per week. *Offered once a year.*

**TXMD 4320 - Computer Aided Apparel Design II****3 credit hours**

Prerequisite: TXMD 4220. Develops advanced skills using industry appropriate CAD software in a project-based learning environment. Students investigate career options and use visual communications and graphics appropriate for portfolio planning, community involvement, and industry related research and application. Five contact hours per week. *Offered once a year.*

**TXMD 4370 - Fashion Illustration II****3 credit hours**

Prerequisite: TXMD 3370. Further exploration of the color rendering, markers, colored graphics, and computer graphics to develop compositions depicting

garment silhouette, textiles, details, and mood. Five contact hours per week. Offered every other year.

**TXMD 4400 - Fashion Product Line Development and Merchandising****3 credit hours**

Prerequisites: TXMD 3320, TXMD 4220, or HSC 4430; senior standing (90 credit hours). Senior capstone course that requires application of skills and knowledge gained in the major coursework in a realistic industry context. Create an original product line in a team environment; design, construct, market and merchandise product line, and enter into a juried design competition and/or sell through a retail outlet. Meets five hours per week. *Offered once a year.*

# **Nursing**

## **Jenny Sauls, Director**

**Cejka, Cooper, Creighton, J. Finch, M. Finch, Flagg, Krabousanos, Lindsey, McCauley, McInnis, Meeks, Moore, Murphree, Plunk, Stevens, Vickrey, Ward, Wetsell, Whiteside, Wilson**

The School of Nursing offers a four-year program leading to a Bachelor of Science in Nursing.

The purposes of this degree program are to

1. provide quality nursing education which prepares graduates for professional nursing practice as generalists;
2. prepare graduates who have an appropriate base for specialized study in nursing practice, education, administration, or research;
3. provide graduates with a professional practice base that is responsive to the changing health care needs of the citizens of Tennessee and the nation.

Graduates of the program receive preparation designed to enable them to

1. communicate through a variety of media to facilitate the exchange of ideas, knowledge, and information;
2. employ critical thinking abilities for personal and professional development and nursing practice refinement;
3. develop professional knowledge and skills necessary to design, coordinate, and lead within the health care system;
4. utilize the nursing process as a foundation for nursing practice;
5. exhibit personal and professional development responsive to changes in nursing, health care, and society.

## **Accreditation**

The Bachelor of Science in Nursing program holds full approval by the Tennessee Board of Nursing and is accredited by the Commission on Collegiate Nursing Education.

## **Costs**

Nursing students pay the same fees as do all other undergraduate students at the University. These fees are described in detail at [www.mtsu.edu/bursar](http://www.mtsu.edu/bursar). Additional expenses incurred by nursing students include (costs subject to change)

1. the cost of uniforms, name pin, shoes, hosiery, watch with second hand, and stethoscope (approximately \$350)
2. liability insurance (\$13.50)
3. assessment tools and standardized exams (range from \$25.00 - \$85.00 per semester).

## **Pre-nursing Curriculum for Other Nursing Schools**

Students planning to enter other schools of nursing must carefully select their courses according to the pre-nursing curriculum prescribed by the school to which they will apply. Nursing advisors will assist students with their course selections.

## **Graduate Study**

The School of Nursing offers the Master of Science in Nursing using some courses through the Regents Online Campus Collaborative (ROCC). Requirements and a list of the courses offered for graduate credit are published in the Graduate Catalog.

# **Nursing, B.S.N.**

## **School of Nursing**

**615-904-8488**

**Jenny Sauls, program coordinator**

**Jenny.Sauls@mtsu.edu**

The Nursing Program consists of four academic years. Students enter the program as pre-nursing majors and must complete the first three semesters of a pre-nursing curriculum consisting of General Education courses and nursing prerequisites. Students then apply for admission to the last five semesters which include 71 semester hours of upper-division nursing courses. When a student applies for admission to the last five semesters and is accepted and becomes enrolled, he/she is then classified as a Nursing major. The number of students accepted into the nursing courses is limited, making the application process competitive.

Upon successful completion of the program, graduates are awarded the B.S.N. and become eligible to sit for the National Council Licensure Examination (NCLEX) for Registered Nurse (RN) licensure.

Pre-nursing students enrolled in the University and pursuing the first three semesters of the curriculum should maintain a minimum 2.80 cumulative grade point average and are required to earn no less than a C (2.00) in any prerequisite course. Nursing clinicals may be offered in evening, night, or weekend shifts.

## **Admission and Progression in the Pre-nursing Curriculum**

1. Any student formally admitted to the University may pursue the pre-nursing curriculum.
2. Information form, obtained from the School of Nursing ([www.mtsu.edu/nursing](http://www.mtsu.edu/nursing)), must be completed and on file in the School of Nursing.
3. Pre-nursing students are expected to seek advising from the academic advisor for nursing each semester to ensure the proper sequence for program completion.

## **Admission and Progression in the Upper-division Nursing Curriculum**

1. Updated information and application forms must be on file in the School of Nursing by published application deadlines.
2. Transcript validation of all prerequisite courses must be on file in the MTSU Records Office and in the School of Nursing by published application deadlines.
3. Student must have completed BIOL 2010/BIOL 2011 with a grade of C (2.00) or better before making application to upper-division nursing.
4. Applicants must have no grade less than a C (2.00) in any prerequisite and General Education course **by the end of Summer Term (for those entering in Fall Semester), or by the end of Fall Semester (for those entering in Spring Semester)**.
5. Scores from a standardized examination and an interview, along with the cumulative college grade point average will be used to calculate a composite score and to rank candidates for progression to the upper division. To be considered for admission to upper-division nursing, a minimum GPA of 2.80 is required.
6. Add 1/2 point to composite score for any student who can provide documented evidence of clinical experience providing direct patient care for a period of at least 380 hours within the two years prior to making application to upper-division nursing.
7. Students must attain a minimum grade of C (2.00) in all theory courses as well as a "pass" in each corresponding lab/clinical course.
8. Comprehensive assessment tools and/or standardized exams are administered throughout the curriculum.
9. Students will be asked to present evidence of physical and/or mental health prior to or at any time during their enrollment in the nursing courses. Students must be physically, emotionally, and cognitively able to meet the criteria required for clinical skills. Students must be able to perform clinical skills without physical or psychological threat to themselves or others. Students who have chronic health problems which are controlled and which do not put themselves or others in danger are eligible to be considered for admission.
10. Faculty reserves the right to determine each student's eligibility to participate in clinical rotations based upon satisfactory preparation, meeting School of Nursing and clinical agency's policies, and performance at a safe level of practice. If any of these are not satisfactory, faculty may give a student an unsatisfactory grade and ask a student to leave the clinical agency for the day.

11. Students with infectious diseases will not be permitted to participate in clinical experiences. Causes for clinical absences must be cleared with the instructor and reported to the clinical agency before the clinical experience is to begin. Unexcused absences will be counted as unsatisfactory clinical performance.
12. Students will be dismissed from the Nursing major if they
  - a. commit a breach of ethics or gross professional negligence, or
  - b. use mind-altering drugs or alcohol when engaged in any nursing activity in or outside of class, or
  - c. fail to progress due to unsuccessful attainment of requirements. Students who fail to progress will be readmitted on a space-available basis. **Only one readmission for failure to progress will be allowed.** Students admitted from other nursing programs in which a grade of D (less than 2.00) was made in nursing will not be readmitted after one failure.
  - d. violate the student honor code.
13. If a student fails a nursing course at MTSU, he/she **must** repeat that course at MTSU.
14. Further specific details regarding admission and progression are available in the School of Nursing.

## **Revised Admission and Progression in the Upper-division Nursing Curriculum (Effective Fall 2016)**

The Revised School of Nursing Admission and Progress Guidelines will apply to incoming Freshman Fall 2015 and to any student making application in the Fall of 2016 for admission to Nursing in the Spring of 2017.

### **Special Provisions for Licensed Two-Year and Hospital Diploma Graduates**

Students holding the RN license must meet freshman and sophomore requirements. Each registered nurse who has graduated from an NLN-accredited program with an associate degree in nursing or a hospital diploma in nursing will satisfy 38 credit hours of required courses in addition to HLTH 1530/HLTH 1531. This credit, however, will be held in escrow until the student has matriculated and successfully completed NURS 3010, NURS 3030, NURS 3040, NURS 3111, NURS 3170, NURS 3370, and NURS 3570. Those holding degrees from non-NLN accredited or foreign nursing schools will have to complete proficiency exams in addition to the other junior-level nursing courses before credit is awarded for nursing courses.

#### **Students holding R.N. licensure complete the following:**

##### **Junior Level**

- NURS 3010 - Pathophysiology **3 credit hours**
- NURS 3030 - Health Assessment **2 credit hours**
- NURS 3040 - Health Assessment Laboratory **1 credit hour**
- NURS 3111 - Professional Role Development **3 credit hours**
- NURS 3170 - Clinical Pharmacology in Nursing **3 credit hours**
- NURS 3370 - Health and Gerontology **3 credit hour**
- NURS 3570 - Health Care Research **3 credit hours**

**Subtotal: 18 Hours**

##### **Senior Level**

- NURS 4530 - Caring for the Community as Client **3 credit hours**
- NURS 4560 - Community and Mental Health Clinical **3 credit hours**
- NURS 4570 - Professional Practice and Leadership **4 credit hours**
- NURS 4590 - Capstone Clinical **3 credit hours**
- Guided elective **3 credit hours**

**Subtotal: 16 Hours**

## Curriculum: Nursing

The following program of study is recommended; however, students are expected to seek advising from the pre-nursing advisor or faculty advisor each semester to ensure proper sequence for program completion. The faculty reserves the right to make changes in curricula requirements and/or course sequencing as appropriate.

Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.

### Freshman Fall

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- MATH 1530 - Applied Statistics **3 credit hours** (Math)
- PSY 1410 - General Psychology **3 credit hours** (Soc/Beh Sci)
- Social/Behavioral Sciences **3 credit hours**
- BIOL 2010 - Human Anatomy and Physiology I **4 credit hours** (Nat Sci) AND
- BIOL 2011 - Human Anatomy and Physiology I Lab **0 credit hours** (Nat Sci)

**Subtotal: 16 Hours**

### Freshman Spring

- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- Humanities and/or Fine Arts **3 credit hours**
- BIOL 2020 - Human Anatomy and Physiology II **4 credit hours** AND
- BIOL 2021 - Human Anatomy and Physiology II Lab **0 credit hours**
- CHEM 1010 - Introductory General Chemistry I **4 credit hours** AND (Nat Sci)
- CHEM 1011 - Intro to General Chemistry I Lab **0 credit hours** (Nat Sci)  
OR
- CHEM 1030 - Chemistry for Consumers **4 credit hours** AND (Nat Sci)
- CHEM 1031 - Chemistry for Consumers Lab **0 credit hours** (Nat Sci)  
OR
- PSCI 1030 - Topics in Physical Science **4 credit hours** AND (Nat Sci)
- PSCI 1031 - Topics in Physical Science Lab **0 credit hours** (Nat Sci)
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 17 Hours**

### Sophomore Fall

- ENGL 2020 - Themes in Literature and Culture **3 credit hours** OR (Hum/FA)
- ENGL 2030 - The Experience of Literature **3 credit hours** OR (Hum/FA)
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- Humanities and/or Fine Arts **3 credit hours**
- BIOL 2230 - Microbiology **4 credit hours** AND
- BIOL 2231 - Microbiology Lab **0 credit hours**

- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 16 Hours**

### **Sophomore Spring**

- NURS 3000 - Professionalism in Nursing **1 credit hour**
- NURS 3010 - Pathophysiology **3 credit hours**
- NURS 3030 - Health Assessment **2 credit hours**
- NURS 3040 - Health Assessment Laboratory **1 credit hour**
- NURS 3370 - Health and Gerontology **3 credit hours**
- Guided elective **3 credit hours**

**Subtotal: 13 Hours**

### **Junior Fall**

- NURS 3170 - Clinical Pharmacology in Nursing **3 credit hours**
- NURS 3350 - Introduction to Nursing Practice **5 credit hours**
- NURS 3360 - Introduction to Nursing Practice-Clinical **3 credit hours**
- NURS 3570 - Health Care Research **3 credit hours**

**Subtotal: 14 Hours**

### **Junior Spring**

- NURS 3530 - Caring for Adult Clients I **5 credit hours**
- NURS 3540 - Caring for Adult Clients I-Clinical **4 credit hours**
- NURS 3550 - Caring for the Childbearing Family **3 credit hours**
- NURS 3560 - Caring for the Childbearing Family-Clinical **2 credit hours**

**Subtotal: 14 Hours**

### **Senior Fall**

- NURS 4330 - Caring for Adult Clients II **5 credit hours**
- NURS 4340 - Caring for Adult Clients II-Clinical **4 credit hours**
- NURS 4350 - Caring for Children and Teen Clients **3 credit hours**
- NURS 4360 - Caring for Children and Teen Clients-Clinical **2 credit hours**

**Subtotal: 14 Hours**

### **Senior Spring**

- NURS 4530 - Caring for the Community as Client **3 credit hours**
- NURS 4550 - Caring for Clients with Mental Health Alterations **3 credit hours**

- NURS 4560 - Community and Mental Health Clinical **2 credit hours**
- NURS 4570 - Professional Practice and Leadership **3 credit hours**
- NURS 4590 - Capstone Clinical **5 credit hours**

**Subtotal: 16 Hours**

**Total hours in program: 120**

## **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Nursing, B.S.N., Academic Map**

## **Nursing**

### **NURS 3000 - Professionalism in Nursing**

#### **1 credit hour**

Expose the novice nursing student to the profession of nursing. Concept of professionalism explored and related to nursing. Includes a brief historical review of nursing and nursing theories. Professional values, practice standards, informatics, and communications with health care professional introduced. Legal implications for nursing explored.

### **NURS 3010 - Pathophysiology**

#### **3 credit hours**

(Same as BIOL 3340.) Prerequisites: BIOL 2010/BIOL 2011, BIOL 2020/BIOL 2021, and BIOL 2230/BIOL 2231. Basic mechanisms of disease processes and their role in disrupting normal physiology. Three hours lecture.

### **NURS 3030 - Health Assessment**

#### **2 credit hours**

Prerequisites: BIOL 2010/BIOL 2011 and BIOL 2020/BIOL 2021; accepted into upper-division nursing. Corequisite: NURS 3040. Principles and techniques required for the assessment and analysis of data. Normal assessment findings and selected abnormal findings studied. Cultural variations and assessment variations across the lifespan explored.

### **NURS 3040 - Health Assessment Laboratory**

#### **1 credit hour**

Prerequisites: BIOL 2010/BIOL 2011 and BIOL 2020/BIOL 2021; accepted into upper-division nursing. Corequisite: NURS 3030. Opportunity to practice the basic principles and techniques required for the assessment and analysis of data. Normal assessment findings in the adult as well as selected abnormal findings studied. Cultural variations and assessment variations across the lifespan explored. Two-hour laboratory.

### **NURS 3111 - Professional Role Development**

#### **3 credit hours**

Socializes the returning R.N. into the role of a baccalaureate nurse. Professionalism in nursing, role transition, history of nursing education, and issues pertinent to returning adult learners.

### **NURS 3170 - Clinical Pharmacology in Nursing**

#### **3 credit hours**

Prerequisites: General Education Natural Science; BIOL 2230/BIOL 2231, BIOL 2010/BIOL 2011, BIOL

2020/BIOL 2021; NURS 3000, NURS 3010, NURS 3030, NURS 3040, NURS 3370. Knowledge and responsibility necessary for the assessment and monitoring of clients receiving pharmacotherapeutics. Three hours lecture.

### **NURS 3350 - Introduction to Nursing Practice**

#### **5 credit hours**

Prerequisites: NURS 3000, NURS 3010, NURS 3030, NURS 3040, and NURS 3370. Corequisites: NURS 3170 and NURS 3360. Introduces nursing care concepts necessary to support basic care of clients across the lifespan; foundation for subsequent nursing courses. Five hours lecture.

### **NURS 3360 - Introduction to Nursing Practice-Clinical**

#### **3 credit hours**

Prerequisites: NURS 3000, NURS 3010, NURS 3030, NURS 3040, and NURS 3370. Corequisites: NURS 3170 and NURS 3350. Nursing practice applied in laboratory and clinical settings. Six hours laboratory per week for duration of course.

### **NURS 3370 - Health and Gerontology**

#### **3 credit hours**

Focuses on the normal aging process and related health care issues from an interdisciplinary perspective. Incorporates concepts of health promotion, prevention, and adaptation for those who are aging and their families. Three hours lecture.

### **NURS 3530 - Caring for Adult Clients I**

#### **5 credit hours**

Prerequisites: NURS 3170, NURS 3350, NURS 3360, and NURS 3570. Corequisite: NURS 3540. Professional nursing care in a variety of settings for the adult client with simple and chronic health problems. Five hours lecture.

### **NURS 3540 - Caring for Adult Clients I-Clinical**

#### **4 credit hours**

Prerequisites: NURS 3170, NURS 3350, NURS 3360, NURS 3570. Corequisite: NURS 3530 . Applying the nursing process in a clinical setting with the adult client experiencing acute and chronic health deviations. Twenty hours clinical/lab per week for seven weeks.

### **NURS 3550 - Caring for the Childbearing Family**

#### **3 credit hours**

Prerequisites: NURS 3170, NURS 3350, NURS 3360, and NURS 3570. Corequisite: NURS 3560.

Incorporates the nursing process and critical thinking skills into the professional nursing care of the childbearing female and the family. Focuses on health promotion, prevention, and adaptation for the childbearing client. Three hours lecture.

**NURS 3560 - Caring for the Childbearing Family-Clinical**  
**2 credit hours**

Prerequisites: NURS 3170, NURS 3350, NURS 3360, and NURS 3570. Corequisite: NURS 3550. Nursing process for applying the clinical application and principles of nursing and family theory to childbearing families. Focuses on health promotion, prevention, and adaptation for childbearing families. Sixteen hours clinical/lab per week for seven weeks.

**NURS 3570 - Health Care Research**

**3 credit hours**

Prerequisites: NURS 3000, NURS 3010, NURS 3030, NURS 3040, NURS 3370. Explores the role of the professional nurse by utilizing systematic inquiry and analysis for problem solving and supporting evidence based practice for positive patient outcomes. Three hours lecture.

**NURS 4005 - Independent Health Care Study**  
**1 to 3 credit hours**

Prerequisites: Admission to the upper division of the nursing program and permission of instructor. Allows the student to pursue individual interests in nursing by contracting with an instructor and documenting the plan of learning as well as its fulfillment. One to three lectures or two to six laboratory hours.

**NURS 4035 - Special Topics in Nursing**

**3 credit hours**

Explores selected nursing topics in depth. Specified topic offered each semester according to student interest and faculty availability. Can be taken for a maximum of nine hours.

**NURS 4330 - Caring for Adult Clients II**

**5 credit hours**

Prerequisites: NURS 3530, NURS 3540, NURS 3550, NURS 3560. Corequisite: NURS 4340. Incorporates the nursing process and critical thinking skills into the professional nursing care of the adult client experiencing complex, multi-system illness, failure, and trauma. Opportunities for the nursing student to combine acquired knowledge from previous nursing courses and courses from other disciplines with new

phenomena encountered in a variety of high acuity care settings. Five hours lecture.

**NURS 4340 - Caring for Adult Clients II-Clinical**  
**4 credit hours**

Prerequisites: NURS 3530, NURS 3540, NURS 3550, NURS 3560. Corequisite: NURS 4330. Opportunity for nursing students to integrate didactic and empirical knowledge and skills for clients with critical needs into the acute care setting. Understanding of complex, multi-system illness, failure, and trauma in providing nursing care. Twenty hours clinical/lab for four weeks.

**NURS 4350 - Caring for Children and Teen Clients**  
**3 credit hours**

Prerequisites: NURS 3530, NURS 3540, NURS 3550, and NURS 3560. Corequisite: NURS 4360.

Incorporates the nursing process and critical thinking skills into the professional nursing care of children, adolescents, and their families. Explores the principles of growth and development and family-centered care. Three hours lecture.

**NURS 4360 - Caring for Children and Teen Clients-Clinical**

**2 credit hours**

Prerequisites: NURS 3530, NURS 3540, NURS 3550, and NURS 3560. Corequisite: NURS 4350. Provides assistance in transferring knowledge to the implementation of nursing care of children, adolescents, teens, and their families in a variety of clinical settings. Sixteen hours clinical/lab per week for four weeks.

**NURS 4530 - Caring for the Community as Client**  
**3 credit hours**

Prerequisites: NURS 4330, NURS 4340, NURS 4350, NURS 4360. Corequisites: NURS 4550 and NURS 4560. Opportunity for students to learn theoretical concepts and epidemiological principles related to health promotion and preventive services. Primary, secondary, and tertiary levels of prevention covered. Focuses on the work of an interdisciplinary health care team and concepts of nursing and public health when working with the individual, family, group, and community as client. Three hours lecture.

**NURS 4550 - Caring for Clients with Mental Health Alterations**

**3 credit hours**

Prerequisites: NURS 4330, NURS 4340, NURS 4350 and NURS 4360, and NURS 4530. Corequisite: NURS 4560. Opportunity for students to learn

theoretical concepts relating to mental health and psychiatric nursing. Interpersonal and group communication, psychopathology, and legal and ethical issues explored. Methods used in providing nursing care for clients with alterations in mental health presented. Interdisciplinary health care team and its function in the psychiatric setting explored. Three hours lecture.

**NURS 4560 - Community and Mental Health**

**Clinical**

**2 credit hours**

Prerequisites: NURS 4330, NURS 4340, NURS 4350, and NURS 4360. Corequisites: NURS 4530, and NURS 4550. Familiarizes the undergraduate nursing student with ways to care for aggregates. Emphasis on clients in the community and in in-patient psychiatric facilities. Sixteen hours clinical/lab per week for four weeks.

**NURS 4570 - Professional Practice and Leadership**

**3 credit hours**

Prerequisites: NURS 4330, NURS 4340, NURS 4350, and NURS 4360. Opportunity for students to examine and evaluate theoretical concepts relating to leadership and management in nursing. The learning experiences emphasize the development of strategies that enhance leadership capabilities including decision-making, managing conflict, using power, and delegating. Three hours lecture.

**NURS 4590 - Capstone Clinical**

**5 credit hours**

Prerequisites: NURS 3000, NURS 3010, NURS 3030, NURS 3040, NURS 3370, NURS 3350, NURS 3360, NURS 3570, NURS 3170, NURS 3530, NURS 3540, NURS 3550, NURS 3560, NURS 4330, NURS 4340, NURS 4350, NURS 4360. A clinical practicum, pairing senior nursing students with RN preceptors practicing in various fields of nursing within the community. Areas of experience may include clinics, acute and critical care settings, long-term care, and hospice or palliative care. Emphasis placed on development of critical thinking/clinical reasoning, leadership skills, and the transition of student into the role of the professional nurse. 90 hours clinical/lab.

## Psychology

### Greg Schmidt, Chair

Bauer, Bernstein, Boyer-Pennington, Brinthaup, Burke, Compton, Crooks, Davis, Dooley, Fernandez, Foster, Frame, Frederick, Fromuth, Fuller, Galbato, Hamilton, Hein, Holt, Johnson, Jin, Jones, Kelly, Kendrick, Kim, Langston, Littlepage, Magne, Marshall, McCarthy, Moffett, Musicant, Pennington, Rust, C. Schmidt, G. Schmidt, S. Schmidt, Tate, Teague, Traughber, Ujcich-Ward, Van Hein, A. Walker, S. Walker, Wallace

The Psychology major is designed for students with a variety of career goals and interests and leads to a Bachelor of Science degree. The Pre-graduate School concentration is designed for students intending to apply for Ph.D. or master's programs. A minor in Psychology is also available. In addition, the Department of Psychology offers a major and a minor in Industrial/Organizational Psychology. The Industrial/Organizational Psychology major leads to a Bachelor of Science degree. Additional specialized minors are offered in Mental Health Services, Life Span Development, and Neuroscience.

The department also participates in the interdisciplinary Behavioral Research Minor.

*A student with both a major and a specialty minor in the Department of Psychology cannot use the same coursework for more than one program. In no case can a single course be used to satisfy requirements in more than one program; for this reason, psychology majors cannot also choose the psychology minor.*

Consultation with the assigned advisor is recommended before each registration..

### Honors College

The Department of Psychology offers periodically the following Honors courses:

- PSY 1410
- PSY 2210
- PSY 2300
- PSY 4620
- PSY 4650
- PSY 4390

### Graduate Study

Requirements for the Specialist in Education with a major in Curriculum and Instruction, the Master of Arts degree in Psychology, and a list of the courses offered for graduate credit are published in the Graduate Catalog.

# Industrial/Organizational Psychology Minor

## Department of Psychology

The minor in Industrial/Organizational Psychology is open to all majors and requires 15 semester hours. Students who are also pursuing a Bachelor of Science degree in Psychology may select Industrial/Organizational Psychology as one of their two minors. Courses may not count toward both the major and minor. A minimum of 6 psychology upper-division hours must be taken at MTSU.

## Required Courses (9 hours)

- PSY 3320 - Introduction to Industrial and Organizational Psychology **3 credit hours**
- PSY 4360 - Organizational Psychology **3 credit hours**
- PSY 4270 - Personnel Selection and Placement **3 credit hours** OR
- PSY 4330 - Industrial and Organizational Training and Development **3 credit hours**

## Elective Courses (Choose 2: 6 hours)

- PSY 4270 - Personnel Selection and Placement **3 credit hours** (if not taken as a required course)
- PSY 4290 - Wage and Salary Administration **3 credit hours**
- PSY 4330 - Industrial and Organizational Training and Development **3 credit hours** (if not taken as a required course)
- PSY 4340 - Human Factors Psychology **3 credit hours**
- PSY 4370 - Motivation and Work Attitudes **3 credit hours**
- PSY 4380 - Group Dynamics **3 credit hours**

# Industrial/Organizational Psychology, B.S.

**Department of Psychology**

**615-898-5752**

**Judith Van Hein, program coordinator**

**Judith VanHein@mtsu.edu**

Industrial/Organizational Psychology deals with a variety of human resource and organizational issues, such as employee selection, training, job analysis, and employee motivation. The major in Industrial/Organizational Psychology is designed to (a) prepare students for entry-level positions in human resource departments of business and industries and (b) provide a background for students wishing to pursue graduate work in psychology, industrial/organizational psychology, or related fields.

The major consists of 22 hours of required psychology foundation courses (which must be completed with a grade of C- or above in each course), 18 hours of required I/O psychology courses (which must be completed with a grade of C- or above in each course), and 6 hours of elective I/O psychology courses selected from a list. A minor in a related field\* is required. To meet the General Education Mathematics requirement, Industrial/Organizational Psychology majors must take MATH 1530, MATH 1710, MATH 1730 or a math course higher than MATH 1730.

At least 9 semester hours of upper-division level courses and 6 semester hours at any level in the Psychology major must be completed at MTSU.

*\*NOTE: Recommended minors include Business Administration, Business Law, Management, Entrepreneurship, or Information Systems. See advisor for a complete list of approved minors.*

## Admission to Candidacy

All students are required to be admitted to candidacy for the Industrial/Organizational Psychology major. To apply for candidacy, a student must have

1. completed at least 30 hours of coursework (not to include learning support courses);
2. completed the following General Education requirements: ENGL 1010; ENGL 1020; MATH 1530 or MATH 1710 or MATH 1730, or higher; and a science course with a minimum 2.00 GPA;
3. completed the following psychology courses: PSY 1410 and PSY 2210 with a minimum 2.00 GPA. *(A grade of C- or better is required in PSY 1410 and PSY 2210.)*

Candidacy will be granted three times per year-after the end of the Fall and Spring semesters and after the end of the Summer term. Students will have required advising every semester until they have successfully completed admission to candidacy.

The application for admission to candidacy is an online application. Applications should be submitted by students the semester after they have completed the above requirements. All forms should be submitted to the department advisor.

*NOTE: Students should follow the recommended sequence of courses for the freshman year on the academic map.*

## Psychology Foundation Courses

### Required Courses (22 hours)

- PSY 1410 - General Psychology **3 credit hours**
- PSY 2210 - Psychology of Social Behavior **3 credit hours**
- PSY 3020 - Basic Statistics for Behavioral Science **3 credit hours**
- PSY 4260 - Introduction to Psychological Testing **3 credit hours**
- PSY 3070 - Research Methods **3 credit hours** AND
- PSY 3071 - Research Methods Lab **1 credit hour**
- PSY 3230 - Abnormal Psychology **3 credit hours** OR
- PSY 3590 - Personality **3 credit hours**

- PSY 4040 - Introduction to Cognitive Psychology **3 credit hours** OR
- PSY 4480 - Learning Theories **3 credit hours**

## I/O Psychology Courses

### Required Courses (18 hours)

- PSY 3320 - Introduction to Industrial and Organizational Psychology **3 credit hours**
- PSY 4270 - Personnel Selection and Placement **3 credit hours**
- PSY 4290 - Wage and Salary Administration **3 credit hours**
- PSY 4330 - Industrial and Organizational Training and Development **3 credit hours**
- PSY 4360 - Organizational Psychology **3 credit hours**
- PSY 4370 - Motivation and Work Attitudes **3 credit hours**

### Electives (6 hours)

Choose 6 hours from the following:

- PSY 4070 - Advanced Statistics for the Behavioral Sciences **3 credit hours**
- PSY 4380 - Group Dynamics **3 credit hours**
- PSY 4340 - Human Factors Psychology **3 credit hours** (offered infrequently)
- PSY 4390 - Persuasion **3 credit hours**
- PSY 4610 - Adult Psychology and Aging **3 credit hours**
- PSY 4720 - Multicultural Perspectives in Psychology and Education **3 credit hours**
- PSY 4730 - Internship: Industrial/Organizational **3 credit hours**

## Curriculum: Industrial/Organizational Psychology

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### Freshman First Semester

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- PSY 1410 - General Psychology **3 credit hours** (Soc/Beh Sci)
- MATH 1530 - Applied Statistics **3 credit hours** (Math) OR
- MATH 1710 - College Algebra **3 credit hours** (Math) OR
- MATH 1730 - Pre-Calculus **4 credit hours** (Math) OR
- Math course higher than MATH 1730 (Math)

### Subtotal: 15-16 Hours

### Freshman Second Semester

- ENGL 1020 - Research and Argumentative Writing **3 credit hours**

- Natural Sciences **4 credit hours**
- PSY 2210 - Psychology of Social Behavior **3 credit hours**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**
- Humanities and/or Fine Arts **3 credit hours**

**Subtotal: 16 Hours**

**Sophomore Year**

- ENGL 2020 - Themes in Literature and Culture **3 credit hours** Hum/FA OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- Natural Sciences **4 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- PSY 3230 - Abnormal Psychology **3 credit hours** OR
- PSY 3590 - Personality **3 credit hours**
- PSY 3020 - Basic Statistics for Behavioral Science **3 credit hours**
- PSY 3320 - Introduction to Industrial and Organizational Psychology **3 credit hours**
- General elective **3 credit hours**
- PSY 3070 - Research Methods **3 credit hours** AND
- PSY 3071 - Research Methods Lab **1 credit hour**

**Subtotal: 29 Hours**

**Junior Year**

- PSY 4260 - Introduction to Psychological Testing **3 credit hours**
- PSY 4360 - Organizational Psychology **3 credit hours**
- PSY 4040 - Introduction to Cognitive Psychology **3 credit hours** OR
- PSY 4480 - Learning Theories **3 credit hours**
- Minor course **3 credit hours**
- General elective or minor courses **6 credit hours**
- I/O PSY elective courses **6 credit hours**
- PSY 4270 - Personnel Selection and Placement **3 credit hours** OR
- PSY 4290 - Wage and Salary Administration **3 credit hours**
- PSY 4330 - Industrial and Organizational Training and Development **3 credit hours** OR
- PSY 4370 - Motivation and Work Attitudes **3 credit hours**

**Subtotal: 30 Hours**

**Senior Year**

- PSY 4270 - Personnel Selection and Placement **3 credit hours** OR
- PSY 4290 - Wage and Salary Administration **3 credit hours**
- PSY 4330 - Industrial and Organizational Training and Development **3 credit hours** OR

- PSY 4370 - Motivation and Work Attitudes **3 credit hours**
- Minor courses **9 credit hours**
- General elective courses **15 credit hours**

**Subtotal: 30 Hours**

**Total hours in program: 120**

## **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Industrial/Organizational Psychology, B.S., Academic Map**

## **Life Span Development Minor**

### **Department of Psychology**

The Life Span Development minor requires 15 hours and is designed to provide more specialized instruction in life span and human development issues and is appropriate for students with majors or minors in psychology, social work, sociology, health education, gerontology, women's and gender studies, health care related fields, and similar areas. A minimum of 6 psychology upper-division hours must be taken at MTSU.

### **Required Courses (9 hours)**

- PSY 4190 - Child Psychology **3 credit hours**
- PSY 4210 - Adolescent Psychology **3 credit hours**
- PSY 4610 - Adult Psychology and Aging **3 credit hours**

### **Elective Courses (6 hours)**

- PSY 2300 - Developmental Psychology **3 credit hours**
- PSY 3240 - Abnormal Child Psychology **3 credit hours**
- PSY 4250 - Psychology of Exceptional Children **3 credit hours**
- PSY 4440 - Social Psychology of Close Relationships **3 credit hours**
- PSY 4600 - Psychosexual Adjustment **3 credit hours**
- PSY 4620 - Psychology of Women **3 credit hours**
- PSY 4630 - Death and Dying **3 credit hours**
- PSY 4720 - Multicultural Perspectives in Psychology and Education **3 credit hours**

# **Mental Health Services Minor**

## **Department of Psychology**

The Mental Health Services minor requires 15 hours and offers preparation for entry-level positions in mental health settings. It is designed for students planning to work in mental health, health care, social service, and other settings where they would deal with mental health issues, including careers such as social work, counseling, medicine, gerontology, health education, and child and family services. A minimum of 6 psychology upper-division hours must be taken at MTSU.

## **Required Courses (6 hours)**

- PSY 3230 - Abnormal Psychology **3 credit hours**
- PSY 4110 - Issues and Ethics in Mental Health Services **3 credit hours**

## **Developmental/Diversity Group (3 hours)**

- PSY 3250 - Perspectives on Black Psychology **3 credit hours**
- PSY 4190 - Child Psychology **3 credit hours**
- PSY 4210 - Adolescent Psychology **3 credit hours**
- PSY 4600 - Psychosexual Adjustment **3 credit hours**
- PSY 4610 - Adult Psychology and Aging **3 credit hours**
- PSY 4620 - Psychology of Women **3 credit hours**
- PSY 4720 - Multicultural Perspectives in Psychology and Education **3 credit hours**

## **Skills Group (3 hours)**

- PSY 4400 - Behavioral Modification **3 credit hours**
- PSY 4470 - Theories of Counseling **3 credit hours**
- PSY 4650 - Health Psychology **3 credit hours**

## **Theory and Application Group (3 hours)**

- PSY 3240 - Abnormal Child Psychology **3 credit hours**
- PSY 4250 - Psychology of Exceptional Children **3 credit hours**
- PSY 4260 - Introduction to Psychological Testing **3 credit hours**
- PSY 4460 - Psychology of Happiness and Well-Being **3 credit hours**
- PSY 4630 - Death and Dying **3 credit hours**
- PSY 4655 - Foundations of Mental Health Counseling **3 credit hours**

## **Recommended but not required:**

- PSY 4740 - Apprenticeship-Child **1 to 3 credit hours**
- PSY 4750 - Apprenticeship-Pre-Clinical **1 to 3 credit hours**
- PSY 4760 - Apprenticeship-Adolescent **1 to 3 credit hours**

## Neuroscience Minor

### Department of Psychology

The Neuroscience minor provides a neuroscience background for students planning to pursue advanced degrees in psychology, counseling, biology, education, medical professions, and neuroscience and for students seeking additional training for jobs in assessment, rehabilitation, and treatment of children and adults with brain damage, brain diseases, and drug rehabilitation. This is a 16-hour minor. A minimum of 6 psychology upper-division hour must be taken at MTSU.

### Required Courses (10 hours)

- PSY 2190 - Human Brain, Behavior, and Consciousness **3 credit hours \***
- PSY 3990 - Research in Psychology **1 to 3 credit hours \*\*** OR
- PSY 4150 - Laboratory in Psychology **1 credit hour** (Behavioral Neuroscience)
- PSY 4240 - Behavioral Neuroscience **3 credit hours**
- PSY 4780 - Human Neuropsychology **3 credit hours \*\*\***

### Elective Courses (6 hours)

- PSY 3990 - Research in Psychology **1 to 3 credit hours**
- PSY 4030 - Psychology of Sensation and Perception **3 credit hours \*\*\*\***
- PSY 4050 - Applied Psychopharmacology **3 credit hours**
- PSY 4130 - Laboratory in Psychology **1 credit hour** (Sensation and Perception) OR
- PSY 4140 - Laboratory in Psychology **1 credit hour** (Cognitive)
- PHIL 4550 - Philosophy of Mind **3 credit hours**
- PSY 4040 - Introduction to Cognitive Psychology **3 credit hours**
- BIOL 4560 - Neurobiology **4 credit hours \*\*\*\*\*** AND
- BIOL 4561 - Neurobiology Lab **0 credit hours**

### NOTE:

*\*It is recommended that PSY 2190 be taken prior to the other required and elective courses in the Neuroscience minor.*

*\*\*Student will need approval from minor advisor for the research topic in PSY 3990.*

*\*\*\*PSY 4240 is a prerequisite for PSY 4780.*

*\*\*\*\*PSY 4030 cannot be taken as an elective if major is Psychology.*

*\*\*\*\*\*BIOL 1110/BIOL 1111 and BIOL 1120/BIOL 1121 are prerequisites for BIOL 4560.*

## **Psychology Minor**

### **Department of Psychology**

The minor in Psychology requires 15 semester hours to include PSY 1410. This minor is not appropriate for Psychology majors.

### **Required Course (3 hours)**

- PSY 1410 - General Psychology **3 credit hours**

### **Electives (12 hours)**

12 hours of electives should be chosen from:

- 1000/2000-level **(3 credit hours)**
- 3000/4000-level **(6 credit hours)**
- Any level **(3 credit hours)**

# Psychology, B.S.

**Department of Psychology**

**615-898-5451**

**Michelle Boyer-Pennington, program coordinator**

**Michelle.Boyer-Pennington@mtsu.edu**

The major in Psychology requires a minimum of 38 semester hours including a 26-hour core (with a grade of C- or above) plus 12 additional hours of psychology electives (at least 9 hours upper division). To meet the Mathematics General Education requirement, Psychology majors must take MATH 1530, MATH 1710, MATH 1730, or a math course higher than MATH 1730. Two minors are required. Students may choose a specialty minor offered by the department, but this is not required. At least one minor, however, must be from outside the department. The specific interests and career goals of each student determine the remainder of the program. A minimum of 9 psychology upper-division hours from the set of "Required Core Classes" and a minimum of 6 other psychology hours must be taken at MTSU.

The curriculum is arranged to provide familiarity with scientific bases of psychology for students preparing for careers in a variety of professions; the knowledge and skills necessary for graduate work in psychology; and the academic preparation and technical skills for students who plan to work in health-related, business and/or research settings after completing their undergraduate work.

## Admission to Candidacy

All students are required to be admitted to candidacy for the Psychology major. To apply for candidacy, a student must have

1. completed at least 30 hours of coursework (not to include learning support courses);
2. completed the following General Education requirements: ENGL 1010; ENGL 1020; MATH 1530, MATH 1710, MATH 1730, or higher; and a science course (preferably a biology course) with a minimum 2.00 GPA;
3. completed the following psychology courses: PSY 1410, PSY 2000, and PSY 2210 or PSY 2300 with a minimum 2.00 GPA. (*A grade of C- or better is required in PSY 1410, PSY 2210, and PSY 2300.*)

Candidacy will be granted three times per year-after the end of the Fall and Spring semesters and after the end of the Summer term. Students will have required advising every semester until they have successfully completed admission to candidacy.

The application for admission to candidacy is an online application. Applications should be submitted by students the semester after they have completed the above requirements.

*NOTE: Students should follow the recommended sequence of courses for the freshman year on the academic map.*

## Required Core Courses (26 hours)

- PSY 1410 - General Psychology **3 credit hours**
- PSY 2000 - Seminar on Careers in Psychology **1 credit hour**
- PSY 2210 - Psychology of Social Behavior **3 credit hours**
- PSY 2300 - Developmental Psychology **3 credit hours**
- PSY 3020 - Basic Statistics for Behavioral Science **3 credit hours**
- PSY 3070 - Research Methods **3 credit hours** AND
- PSY 3071 - Research Methods Lab **1 credit hour**
- PSY 3230 - Abnormal Psychology **3 credit hours** OR
- PSY 3590 - Personality **3 credit hours**
- PSY 4030 - Psychology of Sensation and Perception **3 credit hours** OR
- PSY 4240 - Behavioral Neuroscience **3 credit hours**
- PSY 4040 - Introduction to Cognitive Psychology **3 credit hours** OR
- PSY 4480 - Learning Theories **3 credit hours**

# Curriculum: Psychology

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

## Freshman

### First Semester

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- Natural Sciences **4 credit hours**
- MATH 1530 - Applied Statistics **3 credit hours** (Math) OR
- MATH 1710 - College Algebra **3 credit hours** (Math) OR
- MATH 1730 - Pre-Calculus **4 credit hours** (Math) OR
- Math course higher than MATH 1730 (Math)
- PSY 1410 - General Psychology **3 credit hours** (Soc/Beh Sci)
- Humanities and/or Fine Arts **3 credit hours**

**Subtotal: 16 Hours**

### Second Semester

- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- Humanities and/or Fine Arts **3 credit hours**
- PSY 2000 - Seminar on Careers in Psychology **1 credit hour**
- PSY 2210 - Psychology of Social Behavior **3 credit hours**
- PSY 2300 - Developmental Psychology **3 credit hours**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 16 Hours**

### Sophomore Year

- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- Natural Sciences **4 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- Social/Behavioral Sciences **3 credit hours**
- Minor **6 credit hours**
- PSY 3020 - Basic Statistics for Behavioral Science **3 credit hours**
- PSY 3070 - Research Methods **3 credit hours** AND
- PSY 3071 - Research Methods Lab **1 credit hour**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

- PSY required core elective **3 credit hours**

**Subtotal: 32 Hours**

### **Junior Year**

- Psychology required core course **3 credit hours**
- Psychology elective courses **6 credit hours**
- Minor courses **15 credit hours**
- General elective hours **2-6 credit hours**

**Subtotal: 26-30 Hours**

### **Senior Year**

- Psychology required core course **3 credit hours**
- Psychology elective courses **6 credit hours**
- Minor courses **9 credit hours**
- General electives **7-12 hours**

**Subtotal: 25-30 Hours**

**Total Hours in Program: 120**

### **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Psychology, B.S., Academic Map**

# Psychology, Pre-graduate School Concentration, B.S.

**Department of Psychology**

**615-898-5451**

**Michelle Boyer-Pennington, program coordinator**

**Michelle.Boyer-Pennington@mtsu.edu**

Students who apply for the major in Psychology with a Pre-graduate School concentration should be those who will be competitive applicants for Ph.D. or competitive master's programs. GPA is an important consideration for admission to these programs. A subcommittee of the Undergraduate Studies Committee will screen students applying for the concentration, and students will be admitted to the program only upon approval of their application. A minimum GPA of 3.25 is required for application.

To graduate with this concentration, students must achieve an overall GPA of 3.25. It is recommended that students apply for admission to this concentration between the completion of 45 and 60 hours. The Pre-graduate School concentration requires 41 semester hours of psychology and one minor from outside the Department of Psychology. Students may only apply for this concentration once they have successfully achieved candidacy to the Psychology major. A minimum of 9 hours from the set of "Required Core Courses" and at least 6 other psychology hours must be taken at MTSU.

## Admission to Candidacy

All students are required to be admitted to candidacy for the Psychology major. To apply for candidacy, a student must have

1. completed at least 30 hours of coursework (not to include learning support courses);
2. completed the following General Education requirements: ENGL 1010; ENGL 1020; MATH 1530, MATH 1710, MATH 1730, or higher; and a science course (preferably a biology course) with a minimum 2.00 GPA;
3. completed the following psychology courses: PSY 1410, PSY 2000, and PSY 2210 or PSY 2300 with a minimum 2.00 GPA. (*A grade of C- or better is required in PSY 1410, PSY 2210, and PSY 2300.*)

Candidacy will be granted three times per year-after the end of the Fall and Spring semesters and after the end of the Summer term. Students will have required advising every semester until they have successfully completed admission to candidacy.

The application for admission to candidacy is an online application.

*NOTE: Students should follow the recommended sequence of courses for the freshman year on the academic map.*

## Required Core Courses (26 hours)

- PSY 1410 - General Psychology **3 credit hours**
- PSY 2000 - Seminar on Careers in Psychology **1 credit hour**
- PSY 2210 - Psychology of Social Behavior **3 credit hours**
- PSY 2300 - Developmental Psychology **3 credit hours**
- PSY 3020 - Basic Statistics for Behavioral Science **3 credit hours**
- PSY 3070 - Research Methods **3 credit hours** AND
- PSY 3071 - Research Methods Lab **1 credit hour**
- PSY 3230 - Abnormal Psychology **3 credit hours** OR
- PSY 3590 - Personality **3 credit hours**
- PSY 4030 - Psychology of Sensation and Perception **3 credit hours** OR
- PSY 4240 - Behavioral Neuroscience **3 credit hours**
- PSY 4040 - Introduction to Cognitive Psychology **3 credit hours** OR
- PSY 4480 - Learning Theories **3 credit hours**

## **Additional Required Courses (15 hours)**

- PSY 4070 - Advanced Statistics for the Behavioral Sciences **3 credit hours**
- PSY 4080 - Advanced Research Methods **3 credit hours** OR
- UH 4950 - Honors Independent Research **3 to 9 credit hours** (with prior approval) OR
- PSY 3990 - Research in Psychology **1 to 3 credit hours** (with prior approval)
- Plus 9 additional hours of psychology electives (at least 6 upper division)

## **Curriculum: Psychology, Pre-graduate School Concentration**

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### **Freshman**

#### **First Semester**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- Natural Sciences **4 credit hours**
- MATH 1530 - Applied Statistics **3 credit hours** (Math) OR
- MATH 1710 - College Algebra **3 credit hours** (Math) OR
- MATH 1730 - Pre-Calculus **4 credit hours** (Math) OR
- Math course higher than MATH 1730
- PSY 1410 - General Psychology **3 credit hours** (Soc/Beh Sci)
- Humanities and/or Fine Arts **3 credit hours**

**Subtotal: 16 Hours**

#### **Second Semester**

- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- Humanities and/or Fine Arts **3 credit hours**
- PSY 2000 - Seminar on Careers in Psychology **1 credit hour**
- PSY 2210 - Psychology of Social Behavior **3 credit hours**
- PSY 2300 - Developmental Psychology **3 credit hours**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 16 Hours**

#### **Sophomore Year**

- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- Natural Sciences **4 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)

- Social/Behavioral Sciences **3 credit hours**
- Minor courses **6 credit hours**
- PSY 3020 - Basic Statistics for Behavioral Science **3 credit hours**
- PSY required core class **3 credit hours**
- PSY 3070 - Research Methods **3 credit hours**
- PSY 3071 - Research Methods Lab **1 credit hour**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

### **Subtotal: 32 Hours**

#### **Junior Year**

- PSY 4070 - Advanced Statistics for the Behavioral Sciences **3 credit hours**
- PSY 4080 - Advanced Research Methods **3 credit hours**
- Minor **6 credit hours**
- PSY required core class **3 credit hours**
- PSY electives **6 credit hours**
- PSY 3990 - Research in Psychology **1 to 3 credit hours** AND/OR general electives **7-9 credit hours**

### **Subtotal: 28-30 Hours**

#### **Senior Year**

- PSY required core class **3 credit hours**
- Minor **3 credit hours**
- PSY electives and general electives **19-24 credit hours** (at least **3 credit hours** must be PSY credit hours)

### **Subtotal: 25-30 Hours**

#### **Total hours in program: 120**

### **Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Psychology, Pre-graduate School, B.S., Academic Map**

## **Psychology**

### **PSY 1410 - General Psychology**

#### **3 credit hours**

Prescribed prerequisite: READ 1000. Introductory survey course. Includes biological foundations, perception, principles of learning, intelligence, motivation, emotion, human development, personality, social psychology, behavior disorders, and psychotherapy.

### **PSY 1420 - Psychology of Adjustment**

#### **3 credit hours**

Processes of human adjustment, adaptation, and environmental influences. Development of self-understanding, constructive management of emotion and stress, and healthy interpersonal relationships.

### **PSY 2000 - Seminar on Careers in Psychology**

#### **1 credit hour**

Prerequisite: PSY 1410. Required for Psychology majors in the first 10 hours of psychology courses. Requirements needed for success in jobs or graduate school. Interest exploration and development of a career timeline and a resume/vita. Students who choose to complete assessment inventories will pay Testing Services an assessment fee of approximately \$20.

### **PSY 2180 - Thinking: Intelligence and Creativity**

#### **3 credit hours**

Psychological approaches to the study of information processing, thinking, and knowing, with emphasis on cognitive style, problem solving, and creative thinking.

### **PSY 2190 - Human Brain, Behavior, and Consciousness**

#### **3 credit hours**

Introduction to the involvement of the brain in behavior and conscious experiences. Altered states of consciousness, mental illness, drug-induced states, sleep, learning, memory, and language. No biology background required.

### **PSY 2210 - Psychology of Social Behavior**

#### **3 credit hours**

Prerequisite: PSY 1410 recommended but not required. Systematic study of social behavior. Includes interaction between people, perception of others, interpersonal attraction, aggression, altruism, conformity, attitudes, and group behavior.

### **PSY 2300 - Developmental Psychology**

#### **3 credit hours**

Broad survey of the biological and environmental factors influencing physical, cognitive, and social development from conception until death. Emphasis on current research and theory. Will not substitute for SOC 3151 or CDFS 3340.

### **PSY 3020 - Basic Statistics for Behavioral Science**

#### **3 credit hours**

Prerequisite: 3 credit hours of college-level mathematics. PSY 3030 may be required. (See online schedule.) Elementary descriptive and inferential statistics and their applications.

### **PSY 3030 - Laboratory in Psychology**

#### **1 credit hour**

Corequisite: PSY 3020. Basic Statistics.

### **PSY 3070 - Research Methods**

#### **3 credit hours**

Prerequisite: PSY 3020. Corequisite: PSY 3071. Analysis of methodological issues in psychological research. Designed to teach skills in the formulation, execution, interpretation, and presentation of psychological investigations.

### **PSY 3071 - Research Methods Lab**

#### **1 credit hour**

Corequisite: PSY 3070.

### **PSY 3230 - Abnormal Psychology**

#### **3 credit hours**

Prerequisite: PSY 1410. Patterns of maladaptive behavior, including anxiety, depression, schizophrenia, and antisocial behavior.

### **PSY 3240 - Abnormal Child Psychology**

#### **3 credit hours**

Prerequisite: PSY 1410. Emotional and behavioral disorders in childhood and adolescence including autism and depression and child maltreatment.

### **PSY 3250 - Perspectives on Black Psychology**

#### **3 credit hours**

Application of psychological principles to the personality development and behavior patterns of African Americans, in light of cultural heritage and contemporary events. Implications for assessment and counseling.

**PSY 3320 - Introduction to Industrial and Organizational Psychology****3 credit hours**

Covers a wide range of topics related to the application of psychology to business and industry. Topics include employee selection, performance appraisal, training, leadership, work motivation, job analysis, legal issues, job satisfaction, work teams, and occupational health.

**PSY 3590 - Personality****3 credit hours**

Prerequisite: PSY 1410. Historical and contemporary personality theory and research, including the trait, cognitive, and motivational approaches. Topics include personality development, the unconscious, the self, goals, emotions, coping, disorders, and personality change.

**PSY 3750 - Introduction to Clinical Psychology****3 credit hours**

Reviews the historical background, roles, and responsibilities of clinical psychologists and differentiates their duties from other mental health professionals. Introduction to assessment and clinical interventions.

**PSY 3990 - Research in Psychology****1 to 3 credit hours**

Prerequisites: 6 hours of psychology recommended but not required. Supervised research in current topics in psychology. Contact individual faculty members for research possibilities and requirements. May be repeated. (Students majoring in Psychology or the Pre-graduate School concentration may apply up to 6 hours of credit to the major. Students majoring in I/O Psychology may apply up to 4 hours of credit to the major. Students minoring in Psychology may apply up to 6 hours of credit to the minor.)

**PSY 4010 - Laboratory in Psychology: Honors****1 credit hour**

May be repeated. Supervised laboratory in an area of psychology related to a content course. The laboratory can only be taken during the semester the student is enrolled in the content course.

**PSY 4030 - Psychology of Sensation and****Perception****3 credit hours**

Perceptual and physiological (sensory) mechanisms involved in vision, hearing, taste, smell, and touch.

Perceptual consequences of central nervous system events. Historical perspectives.

**PSY 4040 - Introduction to Cognitive Psychology****3 credit hours**

Information processing approach to the study of cognitive processes: attention, perception, memory, language, reasoning, problem solving, and decision making.

**PSY 4050 - Applied Psychopharmacology****3 credit hours**

Reviews current information on the action and uses of the most important groups of psychoactive drugs. Clinical, legal, and ethical aspects.

**PSY 4060 - Sport Psychology****3 credit hours**

Prerequisite: PSY 1410 or consent of instructor. Application of psychological principles, motivational research, and social/psychological findings to the arena of sports. Theory and application of performance enhancement and teamwork in sports. See ATHC 4060.

**PSY 4070 - Advanced Statistics for the Behavioral Sciences****3 credit hours**

Prerequisites: Grade of B- or higher in PSY 3020 or equivalent course. Topics include multiple regression, factorial anova, repeated measures ANOVA, ANCOVA, and categorical data analysis. Offers preparation for graduate-level statistics courses often required in master's and doctoral level programs as well as for employment positions in business and government.

**PSY 4080 - Advanced Research Methods****3 credit hours**

Prerequisites: Grade of B- or higher in PSY 3070 or equivalent training (POD) and PSY 4070. Design, conduct, analyze, and report psychological research. Advanced research conducted individually or in small groups. Offers preparation for graduate-level research required in master's and doctoral programs and for research applications in business and government settings.

**PSY 4110 - Issues and Ethics in Mental Health Services****3 credit hours**

Prerequisites: PSY 1410 and PSY 3230. Overview of mental health services that can be provided by the

bachelor's graduate. Offers training necessary for entry-level positions in mental health agencies, emphasizing ethical guidelines and legal issues.

**PSY 4120 - Psychology of Criminal Behavior**

**3 credit hours**

Survey of theory and research pertaining to criminal behavior, covering topics such as mental illness and crime, criminal homicide, assault, and sex offenses.

**PSY 4130 - Laboratory in Psychology**

**1 credit hour**

Corequisite: PSY 4030. Laboratory experiences in sensation and perception.

**PSY 4140 - Laboratory in Psychology**

**1 credit hour**

Corequisite: PSY 4040 Laboratory experiences in cognitive psychology.

**PSY 4150 - Laboratory in Psychology**

**1 credit hour**

Corequisite: PSY 4240. Laboratory experiences in behavioral neuroscience.

**PSY 4180 - Laboratory in Psychology**

**1 credit hour**

Corequisite: PSY 4480. Laboratory experiences in learning theories.

**PSY 4190 - Child Psychology**

**3 credit hours**

Prerequisite: PSY 2300 recommended but not required. Intensive research-based overview of child development from conception to puberty, including experiences in observation and/or interaction with children. Cognitive development, language development, peer interaction, moral development, and the contexts of child development.

**PSY 4210 - Adolescent Psychology**

**3 credit hours**

Prerequisite: PSY 2300 recommended but not required. Physiological, emotional, mental, and social characteristics of adolescent development, including primary factors of influence.

**PSY 4220 - Correctional Psychology**

**3 credit hours**

Legal, law enforcement, delinquency, and criminal psychology, including psychological evaluation, classification, therapy, and rehabilitation. Special

classifications. Field problems. Preventive implications.

**PSY 4240 - Behavioral Neuroscience**

**3 credit hours**

The role of the brain in those areas which are typically considered by psychology, such as sensory and motor functions, motivation, higher mental functions, and mental disorders.

**PSY 4250 - Psychology of Exceptional Children**

**3 credit hours**

Identification and etiology of patterns of exceptionality, with consideration given to behavioral manifestations and preventive and correctional programs.

**PSY 4260 - Introduction to Psychological Testing**

**3 credit hours**

Modern practices in test construction, selection, and application to a variety of situations such as schools, clinics, and businesses.

**PSY 4270 - Personnel Selection and Placement**

**3 credit hours**

Prerequisite: PSY 3320. Covers a wide range of topics related to employee selection, promotion, and decision making. Principles and techniques of employee selection, placement, succession planning, job analysis, recruitment, performance appraisal, validation, test bias, and fairness will be covered as will the use of various quantitative research techniques applied to human resource problems in organizations.

**PSY 4290 - Wage and Salary Administration**

**3 credit hours**

Prerequisite: PSY 3320. Design and management of compensation systems including job evaluation, salary market data, pay for performance, legal issues, benefits, and practical applications.

**PSY 4330 - Industrial and Organizational Training and Development**

**3 credit hours**

Examination of training and development methods for industrial and other organizational use. Includes both managerial and worker training. Includes learning, needs assessment, program development, and program evaluation.

**PSY 4340 - Human Factors Psychology****3 credit hours**

The process of designing for human use. Considers individual differences, visual, auditory, and tactile displays, anthropometry, illumination, noise, humans in motion, and space and environmental studies.

**PSY 4360 - Organizational Psychology****3 credit hours**

Prerequisite: PSY 1410. Application of psychology to examine individual and group behavior in organizations; job design and organizational design and their effects upon work behavior; and organizational processes such as leadership, power, and decision-making.

**PSY 4370 - Motivation and Work Attitudes****3 credit hours**

Motivation theories and applications to workplace. Emotions, attitudes, e.g., job satisfaction, organizational commitment, work-family balance. Performance effects.

**PSY 4380 - Group Dynamics****3 credit hours**

The functioning of groups. Includes development of group structure, group conflict, cohesion, social influence, leadership, group productivity, group decision making, and growth groups. Classroom activities are supplemented by group projects that may require some out of class meetings.

**PSY 4390 - Persuasion****3 credit hours**

Prerequisite: PSY 1410. Survey and analysis of theory and research on interpersonal influence. Applications of findings to various areas of human experience.

**PSY 4400 - Behavioral Modification****3 credit hours**

The application of behavioral change principles and evaluation strategies to the solution of individual, classroom, institutional, and organizational behavior problems.

**PSY 4430 - Ethical Conduct in Behavior Analysis****3 credit hours**

Prerequisite: Permission of instructor. Ethical practice and professional roles of behavior analysts.

**PSY 4440 - Social Psychology of Close Relationships****3 credit hours**

Prerequisite: PSY 1410. Theoretical and empirical issues in the scientific study of adult, close relationships from a social psychological perspective: initial attraction, relationship formation, maintenance, and dissolution. (Not a course in the broad area of marriage and the family: See CDFS 3320 - Family Relations and SOC 2500 - Marriage and Family.)

**PSY 4460 - Psychology of Happiness and Well-Being****3 credit hours**

Prerequisite: PSY 1410; PSY 2210 and PSY 3230 recommended. Survey of theoretical and research literature in the areas of subjective well-being, happiness, life satisfaction, stress-resistant personality styles, and self-actualization.

**PSY 4470 - Theories of Counseling****3 credit hours**

Integration of the major theories of counseling and psychotherapy and their application.

**PSY 4480 - Learning Theories****3 credit hours**

Survey of research and major theories of learning with emphasis on classical and instrumental conditioning and related topics.

**PSY 4490 - Operant Conditioning****3 credit hours**

Prerequisite: PSY 1410. Philosophy of B.F. Skinner's behaviorism explored in his writings and those of his followers and critics. Current applications of behaviorism in all areas of psychology (child, marriage and family, animal conditioning, mental health, addictions, etc.) also examined.

**PSY 4510 - Science and Pseudoscience****3 credit hours**

Provides a definition of science and explores issues related to that definition. Explores psychology as a science. Evaluation of topics in psychology in the context of the class discussion of science.

**PSY 4600 - Psychosexual Adjustment****3 credit hours**

Psychological, cultural, and biological facets of the human sexual experience. Attitudes and behaviors, variances and dysfunctions, implications and strategies for treatment.

**PSY 4610 - Adult Psychology and Aging****3 credit hours**

Prerequisite: PSY 2300 recommended but not required. A survey of the research on adult development with emphasis on old age. Examines the physical, intellectual, social, vocational, and personality changes during the adult years.

**PSY 4620 - Psychology of Women****3 credit hours**

Psychological impact of the culture on women's attitudes, roles, aspirations, problems, and personality development.

**PSY 4630 - Death and Dying****3 credit hours**

An experiential course covering the folklore of thanatology, the funeral industry, handling grief, counseling the bereaved, and the hospice concept. Objectives include an attempt to view death with equanimity and personal growth from confronting death.

**PSY 4650 - Health Psychology****3 credit hours**

Prerequisite: PSY 1410 or consent of instructor. Psychological factors and principles involved in the study of correlates of health and illness, disease prevention, therapeutic interventions, and rehabilitative strategies.

**PSY 4655 - Foundations of Mental Health Counseling****3 credit hours**

Prerequisites: PSY 1410 and PSY 3230 or equivalent. History, roles, and duties of the professional mental health counselor. Managed care and third party reimbursement issues, administration and supervision of mental health services, and other salient issues relating to the role of the professional mental health counselor. Preparation for graduate-level training in mental health counseling.

**PSY 4660 - Psychology Seminar Industrial-Social****1 credit hour**

Representative and integrative study of scientific journals of field. May be taken for a total of three credits.

**PSY 4670 - Psychology Seminar Clinical-Personality****1 credit hour**

Representative and integrative study of scientific

journals of field. May be taken for a total of three credits.

**PSY 4680 - Psychology Seminar General-Experimental****1 credit hour**

Representative and integrative study of scientific journals of field. May be taken for a total of three credits.

**PSY 4700 - History and Systems of Psychology****3 credit hours**

Prerequisites: PSY 1410 recommended but not required. A survey of the history of psychology and an intensive study of current systems of psychology.

**PSY 4720 - Multicultural Perspectives in Psychology and Education****3 credit hours**

Theories and research relative to the education of multiethnic/racial minorities. Relation of culture and socialization to learning styles, assessment practices, and counseling considerations.

**PSY 4730 - Internship: Industrial/Organizational****3 credit hours**

Supervised practical experience utilizing psychological principles and tools in an established organization. Pass/Fail.

**PSY 4740 - Apprenticeship-Child****1 to 3 credit hours**

Supervised practical experience utilizing psychological principles and tools in an established organization.

**PSY 4750 - Apprenticeship-Pre-Clinical****1 to 3 credit hours**

Supervised practical experience utilizing psychological principles and tools in an established organization.

**PSY 4760 - Apprenticeship-Adolescent****1 to 3 credit hours**

Supervised practical experience utilizing psychological principles and tools in an established organization.

**PSY 4780 - Human Neuropsychology****3 credit hours**

Prerequisite: PSY 4240 or consent of instructor. Organization and function of specific brain areas and

the behavioral deficits and changes resulting from focal and diffuse brain damage.

**PSY 4820 - Psychology of Language**

**3 credit hours**

Prerequisite: PSY 1410. A cognitive approach to how people learn and use language to communicate.

Covers basic psycholinguistics (production, perception, comprehension, and mental representation), language acquisition, and applied psycholinguistics (bilingualism, language disorders, and machine language).

## **Social Work**

### **Rebecca Smith, Chair**

**Bucchio, Darby, Dotson, Fontanesi-Seime, Frost, Lancaster, Pharris, Postlethwait, Sanborn, Turnage**

The social work profession is dedicated to helping all people develop their strengths, to helping build a more economically and socially just society, and to helping the world become a better place in which to raise our families. Student training is offered through class work and internships to demonstrate how to relate effectively to all types of people and to appreciate how emotional, social, economic, political, and spiritual forces influence the behavior of those we are helping.

The department offers a Bachelor of Social Work (B.S.W.) and a minor in Social Welfare. Additionally, the department coordinates the interdisciplinary minor in Health Care Services. Interdisciplinary minors are open to all students in the University.

The Social Work Department has a number of scholarships for majors and information about them can be obtained from the department.

Some social work courses are open to non majors.

### **Graduate Study**

The department partners with APSU and TSU in offering the Mid-Tennessee Collaborative Master of Social Work Program. Requirements for this degree and a list of courses offered for graduate credit are published in the Graduate Catalog.

## **Social Welfare Minor**

### **Department of Social Work**

The Social Welfare minor requires 15 semester hours.

### **Required Course (3 hours)**

- SW 2570 - Introduction to Social Work **3 credit hours**

### **Electives (12 hours)**

- Students select four social work courses not restricted to majors.

## **Social Work, B.S.W.**

**Department of Social Work**

**615-898-2868**

**Rebecca Smith, program coordinator**

**Rebecca.Smith@mtsu.edu**

The major in Social Work leads to a Bachelor of Social Work (B.S.W.) degree which is accredited by the Council on Social Work Education. The program's primary objective is to prepare the student for beginning professional practice in social work. It also provides a foundation for students planning to pursue graduate study in social work.

Students who choose to pursue a major in Social Work must take a minimum of 54 hours including SW 2570, SW 2630, SW 3000, SW 3110, SW 3120, SW 3160, SW 3161, SW 3200, SW 4480, SW 4580, SW 4590, SW 4650, SW 4680, and SW 4690; and one of the following: SW 3050, SW 3100, SW 3170, SW 3250, SW 4150, SW 4200, SW 4430, SW 4440, SW 4620, SW 4640, SW 4720. The student must earn a C or better in all courses in the major in order to graduate.

## **Admission to the Social Work Program**

All Social Work majors must be formally admitted to the Social Work Program in order to be admitted into the practice courses and field work courses and to obtain a Bachelor of Social Work degree. Students who are not yet formally admitted will be identified as pre-social work majors.

1. Requirements for admission to the Social Work Program:
  - a. completion of at least 60 semester hours toward a degree including at least 41 hours of General Education requirements;
  - b. completion of SW 2570 Introduction to Social Work and 3 additional hours in social work courses with a grade of C or better;
  - c. an overall GPA of 2.00 for degree credit courses;
  - d. completion of volunteer work in a social service setting is recommended to enhance your application;
  - e. possession of personal qualities consistent with social work values and ethics and the ability to relate to others with warmth and emotional stability.
2. Application procedure. Student must complete an application packet which consists of
  - a. application for Social Work major form;
  - b. three reference forms, at least one of which is from an MTSU social work professor;
  - c. essay;
  - d. current University transcript.
3. Criteria for acceptance into the Social Work Program:
  - a. submission of completed application packet by deadline date of the appropriate semester;
  - b. judgment of satisfactory quality of essay and suitability for professional social work by Social Work Faculty Admissions Committee;
  - c. a majority of "above average" and "outstanding" ratings on reference forms.

In addition, acceptance into the Social Work Program will be based upon the Social Work Faculty Admissions Committee's assessment of the student's potential for graduating with a B.S.W. degree and the student's interest and commitment to the pursuit of a career in the field of social services. Recommendation of the admissions committee must be approved by faculty vote.

## Curriculum: Social Work

**Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories.**

### Freshman

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- BIOL 1030 - Exploring Life **4 credit hours** (Nat Sci) AND
- BIOL 1031 - Exploring Life Lab **0 credit hours** (Nat Sci)
- Natural Sciences **4 credit hours**
- MATH 1010 - Mathematics for General Studies **3 credit hours** (Math)
- SOC 1010 - Introductory Sociology **3 credit hours** (Soc/Beh Sci)
- SW 2570 - Introduction to Social Work **3 credit hours**
- Elective or minor **3 credit hours**
- UNIV 1010 - University Seminar **3 credit hours** OR
- Elective **3 credit hours**

**Subtotal: 32 Hours**

### Sophomore

- ENGL 2020 - Themes in Literature and Culture **3 credit hours** (Hum/FA) OR
- ENGL 2030 - The Experience of Literature **3 credit hours** (Hum/FA) OR
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
- Humanities and/or Fine Arts (2 prefixes) **6 credit hours**
- PSY 1410 - General Psychology **3 credit hours** (Soc/Beh Sci)
- SW 2630 - Interviewing Skills for Social Work Practice **3 credit hours**
- SW 3000 - Social Policy **3 credit hours**
- Elective or minor **7 credit hours**  
**Choose 6 hours from:**
- HIST 2010 - Survey of United States History I **3 credit hours** OR
- HIST 2020 - Survey of United States History II **3 credit hours** OR
- HIST 2030 - Tennessee History **3 credit hours**

**Subtotal: 31 Hours**

### Junior

- SW 3110 - Research Methods for Social Work Practice **3 credit hours**
- SW 3120 - Data Analysis for Social Work Practice **3 credit hours**
- SW 3160 - Human Behavior and the Social Environment I: Individuals and Families **3 credit hours**
- SW 3161 - Human Behavior and the Social Environment II: Groups, Organizations, and Communities **3 credit hours**
- SW 3200 - Cultural Diversity: Competency for Practice **3 credit hours**
- SW 4580 - Social Work: Practice I **3 credit hours**

- Social Work elective **3 credit hours**
- Electives or minor **9 credit hours**

**Subtotal: 30 Hours**

**Senior**

- SW 4480 - Social Work with Groups **3 credit hours**
- SW 4590 - Field Instruction I **6 credit hours**
- SW 4650 - Social Work: Practice II **3 credit hours**
- SW 4680 - Field Instruction II **9 credit hours**
- SW 4690 - Integrative Seminar in Social Work **3 credit hours**
- Elective or minor **3 credit hours**

**Subtotal: 27 Hours**

**Total hours in program: 120**

**Academic Map**

Following is a printable, suggested four-year schedule of courses:

**Social Work, B.S.W., Academic Map**

## **Social Work**

### **SW 2570 - Introduction to Social Work**

#### **3 credit hours**

The methods, history, philosophy, and present organization of the social work profession.

### **SW 2630 - Interviewing Skills for Social Work Practice**

#### **3 credit hours**

An introduction to principles and processes of social work practice including interviewing and developing relationships.

### **SW 3000 - Social Policy**

#### **3 credit hours**

Prerequisite: SW 2570. Emphasis on recurring themes in social welfare policy development processes, historical turning points; societal ethics; causal relationship--social problems, social change, and social welfare policy analytical frameworks for assessing social welfare policy and programs.

### **SW 3050 - Women and Poverty**

#### **3 credit hours**

Prerequisite: WGST 2100 or SW 2570. Predominant theories, policies, and programs dealing with poverty among women. Explores the effects of poverty on women in addition to a general knowledge of poverty; ageism, sexism, and racism in relation to poverty; historical treatment of women and views of poverty.

### **SW 3100 - International Social Work**

#### **3 credit hours**

International dimensions of social work. Explores the impact of globalization on social work problems. Includes status of women, aging populations, family breakdown, drug addiction, child abuse and neglect, poverty, and emerging problems such as civil strife, ethnic cleansing, resettlement, and AIDS.

### **SW 3110 - Research Methods for Social Work Practice**

#### **3 credit hours**

Prerequisite: SW 2570. Research processes; includes information about values for research, knowledge of methods, and opportunities for skill development.

### **SW 3120 - Data Analysis for Social Work Practice**

#### **3 credit hours**

Prerequisite: SW 3110. Data analysis and interpretation. Opportunities for skill development in the use of statistical procedures and knowledge of the

meaning of results of such procedures. Instruction in computer use for data entry and data analysis.

### **SW 3160 - Human Behavior and the Social Environment I: Individuals and Families**

#### **3 credit hours**

Major theories of human development across the life span and life course. Ecological relationship of diverse individuals and families with other systems in the social environment described with focus on biological, psychological, and social context and content.

### **SW 3161 - Human Behavior and the Social Environment II: Groups, Organizations, and Communities**

#### **3 credit hours**

Prerequisite: SW 3160. Builds on concepts learned in SW 3160. Presents theories on and about the development, structure, and function of small groups, organizations, and communities and how they interrelate eco-systemically with individuals and families.

### **SW 3170 - Family Caregiving Across the Life Span**

#### **3 credit hours**

Caregivers--gender roles, cost of caregiving, managing stress, respite care, finding resources, financial and legal matters, establishing support groups, differential caregiving tips for various illnesses and disabilities from infancy to old age, emerging trends, and long distance caregiving.

### **SW 3200 - Cultural Diversity: Competency for Practice**

#### **3 credit hours**

(Same as AAS 3200.) Examines culturally appropriate practice issues that are essential considerations for effective service delivery, including African American families and ethnic subcultures predominant in the U.S.

### **SW 3250 - School Social Work**

#### **3 credit hours**

Prerequisites: SW 2570 and SW 2630. Introduces social work students to practice in school settings. Examines various roles of social workers in school systems and the specifics of practicing with students from 3-21 years of age in individual, group, and organizational level interventions.

**SW 4150 - Topics in Social Work****3 credit hours**

Selected topics important in current social work practice but too specialized to be taught as regularly scheduled courses.

**SW 4200 - Creativity and Personal Growth****3 credit hours**

Introduces the creative process and the use of that process in the development of self-awareness and empathetic relationships with others.

**SW 4430 - Social Work with the Terminally Ill****3 credit hours**

Factors and principles involved with the terminally ill which should stimulate students to learn and think about what he/she values and anticipates experiencing in the area of medical social work.

**SW 4440 - Social Work with the Disabled****Individual****3 credit hours**

The effects of disability on the individual, the family, and society. An examination of a variety of intervention strategies from a social work perspective.

**SW 4480 - Social Work with Groups****3 credit hours**

Prerequisites: SW 2570, SW 2630, and SW 4580. Group process and group techniques as they apply to social work practice, including both treatment and task groups. (Must be admitted to Social Work program.)

**SW 4580 - Social Work: Practice I****3 credit hours**

Prerequisites: SW 2570, SW 2630, SW 3000, and SW 3160. Theories and related techniques for beginning-level social work. (Must be admitted to Social Work program.)

**SW 4590 - Field Instruction I****6 credit hours**

Prerequisites: SW 2570, SW 2630, SW 3000, SW 3110, SW 3160, SW 3161, SW 3200; SW 4580; completion of all General Education requirements; and senior standing. Student is assigned to a social agency under the joint supervision of agency and instructor with concurrent seminar. Application must be made the preceding semester. (Must be admitted to Social Work program.)

**SW 4620 - Child Welfare Services****3 credit hours**

The contemporary child welfare system and services designed to strengthen families. Historical trends, policy issues, and child advocacy.

**SW 4640 - Health: Organizations, Policy, and Ethics****3 credit hours**

(Same as SOC 4640.) A resource allocation assessment of U.S. health care systems. Applied ethics topics (i.e., justice, virtue, and informed consent) included.

**SW 4650 - Social Work: Practice II****3 credit hours**

Prerequisites: SW 3110, SW 3120, SW 4580, and senior standing. Theories and related techniques for advanced-level social work practice. (Must be admitted to Social Work program.)

**SW 4680 - Field Instruction II****9 credit hours**

Prerequisites: SW 4580, SW 4590, senior standing, and all other major requirements. Second field placement for social work majors. Application must be made the preceding semester. (Must be admitted to Social Work program.) Pass/Fail.

**SW 4690 - Integrative Seminar in Social Work****3 credit hours**

Prerequisites: SW 4590, SW 4650 and SW 4680 or concurrent enrollment. An opportunity for the student, with instructor and peers, to explore the knowledge, values, and skills gained from academic and field experiences and to synthesize and integrate theory and practice. (Must be admitted to Social Work program.)

**SW 4720 - Crisis Intervention****3 credit hours**

The basis of crisis theory applied to intervention services for suicide, rape, natural disasters, and other crises.

**SW 4800 - Special Projects****1 to 6 credit hours**

Field experiences or reading courses through which special interests or needs of the student may be pursued under individual supervision. Arrangements must be made with an instructor prior to registration.