

# College of Behavioral and Health Sciences

**Harold D. Whiteside, Dean**

**Barbara Turnage, Associate Dean**

**Dauthan Keener, Advising Manager**

**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.

# **Criminal Justice Administration**

## **Lee Wade, Interim Chair**

**Fantuzzi, Forrest, Harms, Jurkanin, Newman, Rogers, Selva, Shulman, Smith, Stickle, Williams, Quinn-Wright**

**Lee Wade, Undergraduate Coordinator**

**Ben Stickle, Online Coordinator/Curriculum Chair**

**Lee Wade, Graduate Coordinator**

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 the criminal justice system, 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.

Students choosing the B.S. in Criminal Justice may choose from four tracks: Courts, Disaster and Emergency Management, Penology (Corrections), or Security Management.

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 minors in Criminal Investigation, Criminal Justice Administration, and 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 and a list of the courses offered for graduate credit are published in the Graduate Catalog.

## **Criminal Investigation Minor**

### **Criminal Justice Administration**

The Criminal Investigation Minor requires 18 hours. Students take 9 hours of foundation courses which cover the basics of the U.S. Criminal Justice System, law enforcement operations, and criminal investigations. The remaining 9 hours cover criminal investigation-related courses.

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

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

- CJA 2400 - The Judicial Process **3 credit hours**
- CJA 3130 - Victimology **3 credit hours**
- CJA 3900 - Organized Crime **3 credit hours**
- CJA 4340 - Crime Scene Investigation **3 credit hours**
- CJA 4350 - Homicide Investigations **3 credit hours**
- CJA 4360 - Crime Scene Photography and Documentation **3 credit hours**
- CJA 4530 - Criminal Evidence and Procedures **3 credit hours**

## **Criminal Justice Administration Minor**

### **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.

Criminal Justice Administration

615-898-2630

Lee Wade, interim chair

Lee.Wade@mtsu.edu

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, corrections, and homeland security as well as those already employed in the criminal justice system and related agencies.

## Accelerated Bachelors/Masters (ABM) Program

High achieving students majoring in Criminal Justice Administration and intending to pursue a master's degree in Criminal Justice Administration may apply to participate in the Accelerated Bachelors/Masters (ABM) pathway. The pathway allows undergraduate students an opportunity to complete select requirements for both the bachelor's and master's degrees simultaneously. Upon successful completion of the ABM pathway, students must submit an application (including application fee) to the graduate program. Additional application requirements will be waived, and the student will be admitted to the program automatically. For more information about the ABM pathway, see the Graduate Catalog. **NOTE:** *Applications for this ABM pathway are no longer being accepted. Current ABM students may complete the pathway in place at the time of application.*

## Academic Map

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

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

## Degree Requirements

|                           |                    |
|---------------------------|--------------------|
| <b>General Education</b>  | <b>41 hours</b>    |
| <b>Major Requirements</b> | <b>48 hours</b>    |
| <i>Major Core</i>         | <i>18 hours</i>    |
| <i>Major Electives</i>    | <i>30 hours</i>    |
| <b>Minor</b>              | <b>15-18 hours</b> |
| <b>Electives</b>          | <b>13-16 hours</b> |
| <b>TOTAL</b>              | <b>120 hours</b>   |

### General Education (41 hours)

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

## **Major Requirements (48 hours)**

### **Criminal Justice Administration Core (18 hours)**

In order to graduate, all Criminal Justice majors must earn a grade of at least a C (2.00) in all of the following core CJA courses:

- 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**
- CJA 2600 - Corrections **3 credit hours**
- CJA 3200 - Research Methods with Computer Technology **3 credit hours**
- CJA 3400 - Constitutional Issues and Criminal Justice **3 credit hours**

### **Remaining Major Courses (30 hours)**

- Criminal Justice Administration courses as advised. Students may also select one of the tracks below.

#### **Courts Track (15 hours)**

- CJA 3220 - Ethics in Criminal Justice **3 credit hours**
- CJA 3250 - Criminal Law **3 credit hours**
- CJA 3500 - Criminal Courts: Structure, Personnel, and Processes **3 credit hours**
- CJA 4500 - The Juvenile Justice System **3 credit hours**
- CJA 4530 - Criminal Evidence and Procedures **3 credit hours**

#### **Disaster and Emergency Management Track (15 hours)**

- CJA 3190 - Disasters and Criminal Justice **3 credit hours**
- CJA 3411 - Intelligence Analysis **3 credit hours**
- CJA 3750 - Terrorism and Criminal Justice **3 credit hours**
- CJA 3800 - Introduction to Emergency and Disaster Management **3 credit hours**
- CJA 3911 - Introduction to Homeland Security **3 credit hours**

#### **Penology Track (15 hours)**

- CJA 3630 - Probation and Parole **3 credit hours**
- CJA 3650 - Correctional Management **3 credit hours**
- CJA 4260 - Special Issues in Criminal Justice **3 credit hours**
- CJA 4750 - Seminar in Corrections **3 credit hours**
- PSY 4220 - Correctional Psychology **3 credit hours**

#### **Security Management Track (15 hours)**

- CJA 3411 - Intelligence Analysis **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**
- CJA 4870 - Security Law **3 credit hours**

### **Minor (15-18 hours)**

### **Electives (13-16 hours)**

## 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 or track courses **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 **6 credit hours**
- CJA electives or track courses **9 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.*



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

Criminal Justice Administration  
615-898-2630

Lee Wade, interim chair  
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## Accelerated Bachelors/Masters (ABM) Program

High achieving students majoring in Criminal Justice Administration (with a concentration in Homeland Security) and intending to pursue a master's degree in Criminal Justice Administration may apply to participate in the Accelerated Bachelors/Masters (ABM) pathway. The pathway allows undergraduate students an opportunity to complete select requirements for both the bachelor's and master's degrees simultaneously. Upon successful completion of the ABM pathway, students must submit an application (including application fee) to the graduate program. Additional application requirements will be waived, and the student will be admitted to the program automatically. For more information about the ABM pathway, see the Graduate Catalog. **NOTE:** *Applications for this ABM pathway are no longer being accepted. Current ABM students may complete the pathway in place at the time of application.*

## Academic Map

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

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

## Degree Requirements

|  |                    |
|--|--------------------|
| <b>General Education</b>               | <b>41 hours</b>    |
| <b>Major Requirements</b>              | <b>48 hours</b>    |
| <i>Major Core</i>                      | <i>18 hours</i>    |
| <i>Homeland Security Concentration</i> | <i>30 hours</i>    |
| <b>Minor</b>                           | <b>15-18 hours</b> |
| <b>Electives</b>                       | <b>13-16 hours</b> |
| <b>TOTAL</b>                           | <b>120 hours</b>   |

### General Education (41 hours)

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

## **Major Requirements (48 hours)**

### **Criminal Justice Administration Core (18 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**
- CJA 2600 - Corrections **3 credit hours**
- CJA 3200 - Research Methods with Computer Technology **3 credit hours**
- CJA 3400 - Constitutional Issues and Criminal Justice **3 credit hours**

### **Homeland Security Concentration (30 hours)**

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

Choose 18 hours from the following:

- CJA 3190 - Disasters and Criminal Justice **3 credit hours**
- CJA 3250 - Criminal Law **3 credit hours**
- CJA 3411 - Intelligence Analysis **3 credit hours**
- CJA 3750 - Terrorism and Criminal Justice **3 credit hours**
- CJA 3800 - Introduction to Emergency and Disaster Management **3 credit hours**
- CJA 3900 - Organized Crime **3 credit hours**
- CJA 3911 - Introduction to Homeland Security **3 credit hours**
- CJA 4330 - Criminal Investigations **3 credit hours**
- CJA 4850 - Private and Industrial Security **3 credit hours**
- CJA 4860 - Security Administration **3 credit hours**
- CJA 4870 - Security Law **3 credit hours**
- CJA 4930 - International Criminal Justice **3 credit hours**

### **CJA Guided Electives (12 hours)**

### **Minor (15-18 hours)**

### **Electives (13-16 hours)**

## **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 3911 - Introduction to Homeland Security **3 credit hours**
- CJA 4860 - Security Administration **3 credit hours**
- CJA Homeland Security electives\* **6 credit hours**
- CJA guided elective **3 credit hours**
- Minor courses **12 credit hours**

**Subtotal: 30 Hours**

**Senior**

- CJA 3200 - Research Methods with Computer Technology **3 credit hours** \*\*
- CJA guided 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 18-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.



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

Criminal Justice Administration  
615-898-2630

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## Accelerated Bachelors/Masters (ABM) Program

High achieving students majoring in Criminal Justice Administration (with a concentration in Law Enforcement) and intending to pursue a master's degree in Criminal Justice Administration may apply to participate in the Accelerated Bachelors/Masters (ABM) pathway. The pathway allows undergraduate students an opportunity to complete select requirements for both the bachelor's and master's degrees simultaneously. Upon successful completion of the ABM pathway, students must submit an application (including application fee) to the graduate program. Additional application requirements will be waived, and the student will be admitted to the program automatically. For more information about the ABM pathway, see the Graduate Catalog. **NOTE:** *Applications for this ABM pathway are no longer being accepted. Current ABM students may complete the pathway in place at the time of application.*

## Academic Map

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

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

## Degree Requirements

|                                      |                  |
|--------------------------------------|------------------|
| General Education                    | 41 hours         |
| Major Requirements                   | 48 hours         |
| <i>Major Core</i>                    | 18 hours         |
| <i>Law Enforcement Concentration</i> | 30 hours         |
| Minor                                | 15-18 hours      |
| Electives                            | 13-16 hours      |
| <b>TOTAL</b>                         | <b>120 hours</b> |

### General Education (41 Hours)

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

## **Major Requirements (48 hours)**

### **Criminal Justice Administration Core (18 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**
- CJA 2600 - Corrections **3 credit hours**
- CJA 3200 - Research Methods with Computer Technology **3 credit hours**
- CJA 3400 - Constitutional Issues and Criminal Justice **3 credit hours**

### **Law Enforcement Concentration (30 hours)**

- Guided CJA electives **12 credit hours**
- **Choose 18 credit hours from the following:**
- CJA 2900 - Practicum in Law Enforcement **6 credit hours**
- CJA 3130 - Victimology **3 credit hours**
- CJA 3220 - Ethics in Criminal Justice **3 credit hours**
- CJA 3230 - Police Organization and Administration **3 credit hours**
- CJA 3250 - Criminal Law **3 credit hours**
- CJA 3900 - Organized Crime **3 credit hours**
- CJA 4220 - Community Relations and Minority Problems **3 credit hours**
- CJA 4330 - Criminal Investigations **3 credit hours**
- CJA 4340 - Crime Scene Investigation **3 credit hours**
- CJA 4350 - Homicide Investigations **3 credit hours**
- CJA 4530 - Criminal Evidence and Procedures **3 credit hours**
- CJA 4800 - Crime in America: An Assessment **3 credit hours**
- CJA 4360 - Crime Scene Photography and Documentation **3 credit hours** OR
- FSCJ 4360 - Crime Scene Photography and Documentation **3 credit hours**

### **Minor (15-18 hours)**

### **Electives (13-16 hours)**

## **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 electives\* **12 credit hours**
- CJA guided elective **3 credit hours**
- Minor courses **12 credit hours**

**Subtotal: 30 Hours**

**Senior**

- CJA 3200 - Research Methods with Computer Technology **3 credit hours** \*\*
- CJA guided electives **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 18-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.*



## **Homeland Security Minor**

### **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 (9 hours)**

- CJA 3411 - Intelligence Analysis **3 credit hours**
- CJA 3750 - Terrorism and Criminal Justice **3 credit hours**
- CJA 3911 - Introduction to Homeland Security **3 credit hours**

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

- CJA 3190 - Disasters and Criminal Justice **3 credit hours**
- CJA 3800 - Introduction to Emergency and Disaster Management **3 credit hours**
- CJA 4330 - Criminal Investigations **3 credit hours**
- CJA 4860 - Security Administration **3 credit hours**
- CJA 4870 - Security Law **3 credit hours**
- CJA 4930 - International Criminal Justice **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 2910 - Practicum: Patrol Operations I**

**3 credit hours** Graduates of a Basic Police School as certified by the Tennessee Peace Officers Standards and Training (P.O.S.T.) Commission with a minimum of 55 hours of coursework and training with topics identified as ethics and patrol.

### **CJA 2920 - Practicum: Patrol Operations II**

**3 credit hours** Graduates of a Basic Police School as certified by the Tennessee Peace Officers Standards and Training (P.O.S.T.) Commission with a minimum of 55 hours of coursework and training with topics identified as emergency vehicle operation, firearms, and patrol.

### **CJA 2930 - Practicum: Police Interpersonal Communication and Human Relations**

**3 credit hours** Graduates of a Basic Police School as certified by the Tennessee Peace Officers Standards and Training (P.O.S.T.) Commission with a minimum of 55 hours of coursework and training with topics identified as interpersonal communication, human relations, and written communication.

### **CJA 3130 - Victimology**

**3 credit hours** Prerequisite: CJA 1100 or SOC 2010. Explores the prevalence of crime victimization in the United States and globally, the impact of victimization, treatment of victims by criminal justice and other social service agencies, theoretical explanations for victimization, the victims' rights, and successful approaches to working with crime victims.

### **CJA 3190 - Disasters and Criminal Justice**

**3 credit hours** Prerequisite: CJA 1100. A comprehensive review of responsibilities of criminal justice agents in disasters. Familiarizes students with the different types of disasters, the role of criminal justice agents in disasters, crime within disasters, and preparation for disasters by emergency management and criminal justice personnel. Students will conduct a disaster preparedness evaluation for a specific geographic area in which they will evaluate assets and deficits that will need to be utilized and accommodated throughout a disaster.

### **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 3411 - Intelligence Analysis**

**3 credit hours** Prerequisite: CJA 1100; junior or senior standing. Demonstrates the use of intelligence analysis to support criminal justice, homeland security, and private security missions. Provides an overview of the Intelligence Planning Cycle and various iterations of intelligence connected to contemporary intelligence strategies. Examines role of intelligence in terrorist, cyber, disaster, and policing missions as well as intelligence gathering from government, corporate, and international perspectives.

**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 3800 - Introduction to Emergency and Disaster Management**

**3 credit hours** Prerequisite: CJA 1100. Introduces students to the growing field of emergency management specifically as applied to disasters and other hazards. Focuses on the most common types of hazards posed to first responders and the four disciplines necessary in preparing for and responding to hazards/disasters and prevention efforts applicable to these same events. Students will critically assess the roles of different agencies in the overall emergency response protocol and strengths and weaknesses of the response of emergency management teams.

**CJA 3900 - Organized Crime**

**3 credit hours** Prerequisite: CJA 1100. Explores emergent and historical treatments of organized crime, gangs, and related criminal groups with an emphasis on theoretical, etiological, and enforcement typologies. Analysis of the structure and inter-connectedness of organized crime and an understanding of the businesses associated with traditional and nontraditional organized crime groups.

**CJA 3911 - Introduction to Homeland Security**

**3 credit hours** Prerequisite: CJA 1100; junior or senior standing. Examines the history, foundation, and extent of the scope (disasters, border, maritime, cyber, space, terrorism). Discusses policies, legal considerations for training, and social and ethical issues regarding intelligence collection and program implementation. Integrates All-Hazards Homeland Security with the National Response Framework.

**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 Criminal Justice**

**3 credit hours** A variety of subtopics related to the criminal justice system such as problems in private security and public morality with regard to criminal justice theory, victimology, drug use, alcoholism, and sex offenses; analysis of current police training programs; relationships between

legislation and political processes which affect the criminal justice system. May be repeated with department permission provided the subtopic changed.

**CJA 4300 - Criminal Justice Internship**

**6 or 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. Requires a minimum of 150 clock hours for 6 credit hours or a minimum of 225 clock hours for 9 credit hours.

**CJA 4330 - Criminal Investigations**

**3 credit hours** (Same as FSCJ 4330.) 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 4360 - Crime Scene Photography and Documentation**

**3 credit hours** (Same as FSCJ 4360.) Prerequisite: CJA 4330. Provides students with a foundation of crime scene photography to include basic functions of the camera, techniques of using methods to enhance images of evidentiary value, and special considerations of evidence photography. Also exposes students to documentation techniques and reporting practices best suited for documentation of crime scenes. A split lecture/hands-on experiential

learning process intended for students who seek employment at a crime lab or in law enforcement.

#### **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 or 6 credit hours** Prerequisite: Open only to Criminal Justice Administration majors and minors. For the advanced student who is capable of independent study. Readings and research projects are expected in a particular area of criminal justice relevant to the individual student's interests. Preparation of an annotated bibliography and report required and variable dependent on the amount of credit hours. Arrangements should be made with the instructor prior to registration. The student should be expected to have 45 contact hours for 3 hours of credit or 90 contact hours for 6 hours of credit. May be repeated for 3 hours of credit if for only 3 hours of credit previously; a maximum of 6 hours total course granted as credit in this program.

#### **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 or CJA 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 4360 - Crime Scene Photography and Documentation**

**3 credit hours** (Same as CJA 4360.) Prerequisite: CJA 4330. Provides students with a foundation of

crime scene photography to include basic functions of the camera, techniques of using methods to enhance images of evidentiary value, and special considerations of evidence photography. Also exposes students to documentation techniques and reporting practices best suited for documentation of crime scenes. A split lecture/hands-on experiential learning process intended for students who seek employment at a crime lab or in law enforcement.

**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

### Sonya Sanderson, Chair

Adams, Bailey-Duvall, Barry, Belcher, Binkley, Blankenship, Borendame, Bowman, Breeden, Brock, Bunch, Caputo, Coons, Clanton, Clark, Crawford, Craze, Davis, Donnelly, Dunlap, Estes, Farley, Fischer, Gibson, Gray, Grubbs, Hall, Higginbotham, Insell, Jenkins, Johnson, Josey, Jubenville, Neal, Ness, Owusu, Park, Phillips, Pillow, A. Ramos, P. Ramos, Ramsay, Rhoden, Riley, Shea, Shelar, Smith, Stevens, Stockstill, Story, Vroman, Whalen, Whitehill, Willis, 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 and Sport Management; Physical Education; Exercise Science, Tourism and Hospitality Management, and Speech-Language Pathology and Audiology. Persons majoring in Community and Public Health may select a concentration in Public Health.

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; Leisure and Sport Management, Somatic Movement Education, and Speech-Language Pathology and Audiology 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; Public Health with concentrations in Community Health and Physical Activity; 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, or physical education. Degree requirements and a list of courses offered for graduate credit are published in the Graduate Catalog.

## **Athletic Coaching and Officiating Minor**

### **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.

Health and Human Performance

615-904-8192

Helen Binkley, program coordinator

Helen.Binkley@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 65 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 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. In order to be guaranteed admission to the Athletic Training Program, applicants must score a 110 out of the possible 120 possible points.

## Application Score Sheet

|  |                |
|--|----------------|
| Overall grade point average of 2.5 or better                           | 30 pts         |
| Grade of B- or better in ATHT 3570, ATHT 3580, and BIOL 2010/BIOL 2011 | 15 pts         |
| Clinical evaluation (which includes 20-30 observation hours)           | 45 pts         |
| Interview  | 30 pts         |
| <b>Total points</b>  | <b>120 pts</b> |

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 3000; EXSC 3830/EXSC 3831; 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.

## Academic Map

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

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

## Degree Requirements

|                           |                      |
|---------------------------|----------------------|
| <b>General Education</b>  | <b>41 hours</b>      |
| <b>Major Requirements</b> | <b>65 hours</b>      |
| <b>Auxiliary Courses</b>  | <b>25 hours*</b>     |
| <b>TOTAL</b>              | <b>120-131 hours</b> |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If courses for this program are also used to fulfill General Education requirements, the program of study may be completed in 120 hours.*

### General Education (41 hours)

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

**The following courses required by the program meet General Education requirements:**

- BIOL 2010/BIOL 2011 (Nat Sci)
- CHEM 1110/CHEM 1111 or PHYS 2010/PHYS 2011 (Nat Sci)
- PSY 1410 (Soc/Beh Sci)

### Major Requirements (65 hours)

- ATHT 3000 - Clinical A in Athletic Training **3 credit hours**
- ATHT 3001 - Clinical B in Athletic Training **3 credit hours**
- ATHT 3002 - Clinical C in Athletic Training **3 credit hours**
- ATHT 3003 - Clinical D in Athletic Training **3 credit hours**
- ATHT 3570 - Psychomotor Skills in Athletic Training **3 credit hours**
- ATHT 3580 - Prevention and Care of Athletic Injuries **3 credit hours**
- ATHT 3590 - Athletic Training Medical Documentation and Terminology **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 3950 - Evaluation and Assessment of Injuries to the Lower Extremities **3 credit hours**
- ATHT 3960 - Evaluation and Assessment of Injuries to the Upper Extremities and Thorax **3 credit hours**
- ATHT 3980 - Introduction to Evidence-Based Medicine in Athletic Training **2 credit hours**

- ATHT 4000 - Strength, Conditioning, and Human Performance **3 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**
- ATHT 4500 - Therapeutic Medications and Ergogenic Aids in Sports **3 credit hours**
- 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 4960 - Rehabilitation Techniques **4 credit hours**
- ATHT 4970 - Therapeutic Modalities **4 credit hours** AND
- ATHT 4971 - Therapeutic Modalities Lab **0 credit hours**
- ATHT 4975 - Psychosocial Aspects of Sport, Health, and Rehabilitation **3 credit hours**
- ATHT 4980 - Advanced Evidence-Based Medicine in Athletic Training **3 credit hours**
- ATHT 4990 - Senior Seminar in Athletic Training **3 credit hours**

### **Auxiliary Requirements (25 hours)**

- BIOL 2010 - Human Anatomy and Physiology I **4 credit hours** AND
- BIOL 2011 - Human Anatomy and Physiology I Lab **0 credit hours (may be counted in General Education)**
- BIOL 2020 - Human Anatomy and Physiology II **4 credit hours** AND
- BIOL 2021 - Human Anatomy and Physiology II Lab **0 credit hours**
- PSY 1410 - General Psychology **3 credit hours (may be counted in General Education)**
- NFS 3000 - Nutrition Principles for Physical Activity and Health **3 credit hours**
- EXSC 3830 - Physiology of Exercise **4 credit hours** AND
- EXSC 3831 - Physiology of Exercise Lab **0 credit hours**
- CHEM 1110 - General Chemistry I **4 credit hours** AND
- CHEM 1111 - General Chemistry I Lab **0 credit hours**
- OR
- PHYS 2010 - Non-Calculus-Based Physics I **0 credit hours** AND
- PHYS 2011 - Physics Problems Laboratory I **4 credit hours (may be counted in General Education)**
- Choose 3 hours from**
- ATHT 4080 - Alternative Therapies in Athletic Training **3 credit hours**
- ATHT 4430 - Practicum in Athletic Training **3 credit hours**
- ATHT 4965 - Aquatic Exercise and Therapeutic Rehabilitation Techniques **3 credit hours**
- ATHT 4999 - Independent Research in Athletic Training **3 credit hours**

## 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)
  
- Mathematics (MATH 1530 or MATH 1710 recommended) **3 credit hours**

**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** (even years only)
  
- 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**
  
- EXSC 3830 - Physiology of Exercise **4 credit hours** AND
- EXSC 3831 - Physiology of Exercise Lab **0 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: 16 Hours**

## **Junior Spring**

- ATHT 4000 - Strength, Conditioning, and Human Performance **3 credit hours** (Spring only)
- ATHT 4960 - Rehabilitation Techniques **4 credit hours**
- ATHT 3003 - Clinical D in Athletic Training **3 credit hours**
  
- ATHT 4970 - Therapeutic Modalities **4 credit hours** AND
- ATHT 4971 - Therapeutic Modalities Lab **0 credit hours**

**Subtotal: 14 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** (odd years only)
- 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** (even years only)
- 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** (Nat Sci) AND
- PHYS 2011 - Physics Problems Laboratory I **4 credit hours**  
OR
- CHEM 1110 - General Chemistry I **4 credit hours** (Nat Sci) AND
- CHEM 1111 - General Chemistry I Lab **0 credit hours**

**Subtotal: 13 Hours**

### **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 - \$100-\$150 (ATHT 3000);
2. liability insurance - approximately \$35 (yearly);
3. membership into the National Athletic Trainer's Association - approximately \$80-\$100 (yearly);
4. maintenance of professional rescuer CPR - approximately \$30-\$50 (yearly);
5. verification of immunization (cost depends on where immunization is received);
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 - approximately \$40 (when required by 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 three off-campus clinical rotations, with a maximum of six off-campus clinical rotations, to complete the clinical component of the Athletic Training Program.

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

Health and Human Performance

615-898-5073

Bethany Wrye, program coordinator

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The major in Community and Public Health with a concentration in Public Health provides basic experiences for those interested in preparing for numerous health and health-related professions.

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.

## Academic Map

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

### Community and Public Health, Public Health, B.S., Academic Map

## Degree Requirements

|                                    |                    |
|------------------------------------|--------------------|
| <b>General Education</b>           | <b>41 hours</b>    |
| <b>Major Requirement</b>           | <b>63 hours</b>    |
| <i>Major Core</i>                  | <i>(30 hours)</i>  |
| <i>Public Health Concentration</i> | <i>(21 hours)</i>  |
| <i>Public Health Focus</i>         | <i>(12 hours)</i>  |
| <b>Supporting Course</b>           | <b>4 hours</b>     |
| <b>Electives</b>                   | <b>12-19 hours</b> |
| <b>TOTAL</b>                       | <b>120 hours</b>   |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If program requirements are also used to fulfill General Education requirements, the number of elective hours will increase.*

### General Education (41 hours)

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

**The following courses required by the program meet General Education requirements:**

- HLTH 1530/HLTH 1531 (Soc/BS)
- BIOL 1030/BIOL 1031 (Nat Sci)

### Major Requirements (63 hours)

#### Community and Public Health (30 hours)

- HLTH 1530 - Health and Wellness **3 credit hours** AND
- HLTH 1531 - Health and Wellness Lab **0 credit hours (may be counted in General Education)**

- BIOL 2030 - Anatomy and Physiology **3 credit hours** AND
- BIOL 2031 - Anatomy and Physiology Lab **0 credit hours**
- HLTH 2600 - Introduction to Health Professions **3 credit hours**
- HLTH 3000 - Service Learning in Health Education **3 credit hours**
- HLTH 3240 - Foundations of Health Education **3 credit hours**
- HLTH 3260 - Environmental Health **3 credit hours**
- HLTH 3350 - Survey of Human Disease **3 credit hours**
- HLTH 4020 - Biostatistics for Public Health **3 credit hours**
- HLTH 4270 - Bioethical Issues in Health Education **3 credit hours**
- HLTH 4400 - Drugs and Violence in Health Education **3 credit hours**

### **Public Health Concentration (21 hours)**

- HLTH 3320 - Assessment in Community and Public Health **3 credit hours**
- HLTH 3590 - Workshops and Instructional Methods in Health Education **3 credit hours**
- HLTH 4430 - Program Planning in Health Education **3 credit hours**
- HLTH 4450 - Technology Applications **1 credit hour**
- HLTH 4451 - Technology Applications Lab **2 credit hours**
- 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**

### **Public Health Focus (12 hours)**

- HLTH 3020 - Terminology in Health and Human Performance **3 credit hours**
- HLTH 3300 - First Aid and Safety Education **3 credit hours**
- HLTH 4280 - Instructor's Course in First Aid and CPR **2 credit hours**
- HLTH 4300 - The School Health Program **3 credit hours**
- HLTH 4340 - Fitness Education for the Adult **3 credit hours**
- HLTH 4360 - Teaching Human Sexuality **3 credit hours**
- HLTH 4390 - Women's Health **3 credit hours**
- HLTH 4700 - Coordinated School Health **3 credit hours**
- HLTH 4900 - Certified Health Education Specialist (CHES) Review **1 credit hour**
- HLTH 4990 - Health Internship **6 to 12 credit hours**
- LSTS 3380 - Disabilities and Diversity in Leisure, Sport, and Tourism **3 credit hours**
- NFS 1240 - Principles of Nutrition **3 credit hours**

### **Supporting Course (4 hours)**

- BIOL 1030 - Exploring Life **4 credit hours** AND
- BIOL 1031 - Exploring Life Lab **0 credit hours (may be counted in General Education)**

### **Electives (12-19 hours)**

Following are recommended electives:

- BIOL 2100 - Microbiology in Disease **3 credit hours** AND
- BIOL 2101 - Microbiology in Disease Lab **0 credit hours**
- CDFS 3320 - Family Relations **3 credit hours**
- COMM 2560 - Intercultural Communication **3 credit hours**



- ENTR 2900 - Entrepreneurship **3 credit hours**
- LSTS 4470 - Leisure and Aging **3 credit hours**
- MGMT 3610 - Principles of Management **3 credit hours**
- MGMT 4000 - Not-for-Profit Management **3 credit hours**
- NFS 3260 - Community Nutrition **3 credit hours**
- NFS 4210 - Nutrition in Aging **3 credit hours**
- PSY 3230 - Abnormal Psychology **3 credit hours**
- PSY 3590 - Personality **3 credit hours**
- PSY 4380 - Group Dynamics **3 credit hours**
- PSY 4400 - Introduction to Applied Behavior Analysis **3 credit hours**
- PSY 4630 - Death and Dying **3 credit hours**
- PSY 4650 - Health Psychology **3 credit hours**
- SOC 2500 - Marriage and Family **3 credit hours**
- SOC 2600 - Introduction to Gerontology **3 credit hours**
- SOC 3400 - Gender and Society **3 credit hours**
- SOC 4020 - Sociology of Aging **3 credit hours**
- SOC 4040 - Health Care Delivery Issues **3 credit hours**
- SOC 4240 - Race and Ethnic Relations **3 credit hours**

## **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 3240 - Foundations of Health Education **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** (comm)
- Humanities and/or Fine Arts **6 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- Natural Sciences **4 credit hours** (BIOL 1030/BIOL 1031 rec.)
  
- HLTH 1530 - Health and Wellness **3 credit hours** (Nat Sci) AND
- HLTH 1531 - Health and Wellness 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: 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**
- Mathematics **3 credit hours**
- Electives **6 credit hours**
- HLTH 3320 - Assessment in Community and Public Health **3 credit hours**
- HLTH 2600 - Introduction to Health Professions **3 credit hours**
- HLTH 3350 - Survey of Human Disease **3 credit hours**

**Subtotal: 31 Hours**

## **Junior**

- HLTH 3260 - Environmental Health **3 credit hours**
- HLTH 3590 - Workshops and Instructional Methods in Health Education **3 credit hours**
- HLTH 4020 - Biostatistics for Public Health **3 credit hours**
- HLTH 4270 - Bioethical Issues in Health Education **3 credit hours**
- HLTH 4400 - Drugs and Violence in Health Education **3 credit hours**
- HLTH 4430 - Program Planning in Health Education **3 credit hours**
- HLTH 4460 - Introduction to Epidemiology **3 credit hours**
- Elective **3 credit hours**
  
- HLTH 1530 - Health and Wellness **3 credit hours** AND
- HLTH 1531 - Health and Wellness Lab **0 credit hours**
  
- HLTH 4450 - Technology Applications **1 credit hour** AND
- HLTH 4451 - Technology Applications Lab **2 credit hours**

**Subtotal: 30 Hours**

**Senior**

- HLTH 3000 - Service Learning in Health Education **3 credit hours**
- HLTH 4810 - Measurement and Evaluation **3 credit hours**
- HLTH 4870 - Methods of Communicating and Marketing Health Education **3 credit hours**
- Electives **6 credit hours**
- Public Health area of focus classes **12 credit hours**
- Elective **1 credit hour**

**Subtotal: 28 Hours**

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

### **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

Jennifer Caputo, program coordinator

615-898-5547

Jenn.Caputo@mtsu.edu

Richard Farley, program coordinator

615-898-5298

Richard.Farley@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.

## Academic Map

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

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

## Degree Requirements

|                   |                  |
|-------------------|------------------|
| General Education | 41 hours         |
| Major Requirement | 60 hours*        |
| Electives         | 19-23 hours      |
| <b>TOTAL</b>      | <b>120 hours</b> |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If program requirements are also used to fulfill General Education requirements, the number of elective hours will increase.*

### General Education (41 hours)

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

**The following course required by the program meets General Education requirements:**

- BIOL 2010/BIOL 2011 (Nat Sci)

### Major Requirements (60 hours)

- ATHC 4060 - Sport Psychology **3 credit hours**
- ATHT 3580 - Prevention and Care of Athletic Injuries **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**
  
- BIOL 2010 - Human Anatomy and Physiology I **4 credit hours** AND
- BIOL 2011 - Human Anatomy and Physiology I Lab **0 credit hours (may be counted in General Education)**
  
- BIOL 2020 - Human Anatomy and Physiology II **4 credit hours** AND
- BIOL 2021 - Human Anatomy and Physiology II Lab **0 credit hours**
  
- EXSC 1000 - Evaluation and Performance of Resistance Training **1 credit hour**
- EXSC 3000 - Resources for Professional Practice in Exercise Science **3 credit hours**
- EXSC 3500 - Exercise Techniques and Leadership **3 credit hours**

- EXSC 3830 - Physiology of Exercise **4 credit hours** AND
- EXSC 3831 - Physiology of Exercise Lab **0 credit hours**
- EXSC 4000 - Research Seminar in Exercise Science **3 credit hours**
- EXSC 4010 - Applied Research 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**
- EXSC 4250 - Internship **6 or 12 credit hours**
- EXSC 4260 - Exercise Assessment and Prescription for Special Populations **3 credit hours**
- NFS 3000 - Nutrition Principles for Physical Activity and Health **3 credit hours**
- PHED activity **1 credit hour**

### **Electives (19-23 hours)**

## **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)
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- EXSC 1000 - Evaluation and Performance of Resistance Training **1 credit hour**
- Natural Sciences **4 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- Elective **3 credit hours**
- PHED activity **1 credit hour**
- Social/Behavioral Sciences **3 credit hours** (HLTH 1530/HLTH 1531 recommended)
- Social/Behavioral Sciences **3 credit hours**
- Mathematics **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**
- 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)
- ATHT 3580 - Prevention and Care of Athletic Injuries **3 credit hours**
- Electives **6 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- EXSC 3500 - Exercise Techniques and Leadership **3 credit hours**
- EXSC 3000 - Resources for Professional Practice in 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 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**
- Electives **7 credit hours**

**Subtotal: 31 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 **7 credit hours**
- EXSC 4250 - Internship **6 or 12 credit hours** (final course)
- NFS 3000 - Nutrition Principles for Physical Activity and Health **3 credit hours**

**Subtotal: 28 Hours**

# Health and Human Performance Minor

## 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**

### **Health and Human Performance**

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

### **Required Courses (10 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 (5 hours)**

- five credits in HLTH/PHED

## **Health Minor**

### **Health and Human Performance**

The minor in Health requires 15 semester hours.

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

- HLTH 1530 - Health and Wellness **3 credit hours** AND
- HLTH 1531 - Health and Wellness Lab **0 credit hours**
  
- HLTH 3240 - Foundations of Health Education **3 credit hours**

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

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

## **Leisure and Sport Management Minor**

### **Health and Human Performance**

The minor in Leisure and Sport Management consists of 15 semester hours.

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

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

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

- 9 hours of approved LSTS electives

# Leisure and Sport Management, B.S.

Department of Health and Human Performance  
615-904-8478

Rudy Dunlap, program coordinator  
Rudy.Dunlap@mtsu.edu

The major in Leisure and Sport Management (LSM) requires 64 hours and provides knowledge, skills, and experiences for students interested in preparing for positions in the leisure and sport management professions. The major requires a general core accredited by the Council on Accreditation of Recreation, Parks, Tourism, and Related Professions. Specializations in LSM include sport management, outdoor recreation, and recreation administration. A minor or advised electives of approximately 15 credit hours may also be chosen.

## Accelerated Bachelors/Masters (ABM) Program

High achieving students majoring in Leisure and Sport Management who intend to pursue a master's degree in Leisure and Sport Management may apply to participate in the Accelerated Bachelors/Masters (ABM) pathway. The pathway allows undergraduate students an opportunity to complete select requirements for both the bachelor's and master's degrees simultaneously. Upon successful completion of the ABM Pathway, students must submit an application (including application fee) to the graduate program. Additional application requirements will be waived, and the student will be admitted to the program automatically. For more information about the ABM pathway, see the Graduate Catalog. **NOTE:** *Applications for this ABM pathway are no longer being accepted. Current ABM students may complete the pathway in place at the time of application.*

## Academic Map

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

**Leisure and Sport Management, B.S., Academic Map**

## Degree Requirements

|                   |                  |
|-------------------|------------------|
| General Education | 41 hours         |
| Major Requirement | 64 hours         |
| Electives         | 15 hours         |
| <b>TOTAL</b>      | <b>120 hours</b> |

### General Education (41 hours)

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

### Major Requirements (64 hours)

- 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 and Facility Planning in Leisure, Sport, and Tourism Studies **3 credit hours**
- LSTS 3560 - Field Studies in Leisure, Sport, and Tourism **3 credit hours**
- LSTS 4540 - Finance and Administration of Leisure, Sport, and Tourism Studies **3 credit hours**
- LSTS 4660 - Research and Evaluation of Leisure, Sport, and Tourism **3 credit hours**
- LSTS 4890 - Senior Seminar in Leisure, Sport, and Tourism **3 credit hours**

- MGMT 3610 - Principles of Management **3 credit hours**
- MKT 3820 - Principles of Marketing **3 credit hours**
- EXL 4000 - Experiential Learning Seminar **1 credit hour**

### **LSM Upper-Division Electives (15 hours)**

- ACTG 3000 - Survey of Accounting for General Business **3 credit hours** OR
- MGMT 3810 - Human Resources Management **3 credit hours**
  
- LSTS 3150 - Foundations of Sport Industry **3 credit hours** OR
- THM 3100 - Introduction to the Tourism and Hospitality Industry **3 credit hours**
  
- LSTS 4110 - Youth Sport Programming and Administration **3 credit hours** OR
- LSTS 4580 - Seminar: Outdoor Recreation and Environmental Issues **3 credit hours**
  
- LSTS 4250 - The Sport Agent **3 credit hours** OR
- LSTS 3570 - Outdoor Pursuits Education **3 credit hours**
  
- ATHC 4060 - Sport Psychology **3 credit hours** AND
- ATHC 4690 - Psychology of Coaching and Officiating **3 credit hours**  
OR
- LSTS 3370 - Principles of Outdoor Recreation **3 credit hours**

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

- Advisor approved

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

- LSTS 4901 - Internship in Outdoor Recreation **12 credit hours**
- LSTS 4902 - Internship in Recreation Administration **12 credit hours**
- LSTS 4903 - Internship in Sport Management **12 credit hours**

### **Minor/Advised Electives (15 hours)**

## **Curriculum: Leisure and Sport Management**

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 and Facility Planning in Leisure, Sport, and Tourism Studies **3 credit hours**
- MGMT 3610 - Principles of Management **3 credit hours**
- Minor or advised elective courses **12 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 - Finance and Administration of Leisure, Sport, and Tourism Studies **3 credit hours**
- LSTS 4660 - Research and Evaluation of Leisure, Sport, and Tourism **3 credit hours**
- LSTS 4890 - Senior Seminar in Leisure, Sport, and Tourism **3 credit hours**
- LSM UD electives **9 credit hours**
- Advisor-approved elective **3 credit hours**
- MKT 3820 - Principles of 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 **3 credit hours**
- LSM UD electives **6 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 Management **12 credit hours**

**Subtotal: 28 Hours**

# Physical Education, B.S.

Department of Health and Human Performance  
615-898-2888

Tina Hall, program coordinator  
Tina.Hall@mtsu.edu

The major in Physical Education offers preparation for teaching positions in public and private elementary and secondary schools in Tennessee. 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.

## Academic Map

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

### Physical Education, B.S., Academic Map

## Degree Requirements

|                           |                  |
|---------------------------|------------------|
| General Education         | 41 hours         |
| Major Requirement         | 52 hours         |
| Secondary Education Minor | 27 hours         |
| <b>TOTAL</b>              | <b>120 hours</b> |

### General Education (41 hours)

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

### Major Requirements (52 hours)

- HLTH 3300 - First Aid and Safety Education **3 credit hours** OR
- PHED 3300 - First Aid and Safety Education **3 credit hours**
  
- PHED 3430 - Skill Themes: Games, Gymnastics, and Rhythms **3 credit hours**
- PHED 3720 - Fitness Education K-12 **3 credit hours**
- PHED 2800 - Introduction to Physical Education **2 credit hours**
  
- PHED 4000 - Pedagogy of Physical Education **3 credit hours** AND
- PHED 4001 - Pedagogy of Physical Education Practicum **1 credit hour**
  
- PHED 3900 - Adapted Physical Education **3 credit hours**
- PHED 3930 - Concepts and Tactics of Teaching Games **2 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 4800 - Elementary Physical Education Teaching Methods **3 credit hours** AND
- PHED 4801 - Teaching Elementary Physical Education Practicum **3 credit hours**
  
- PHED 4900 - Secondary Physical Education Teaching Methods **3 credit hours** AND
- PHED 4901 - Teaching Secondary Physical Education Practicum **3 credit hours**
  
- PHED 4910 - Applied Kinesiology and Biomechanics **3 credit hours**
- PHED 4930 - Teaching Territory Games **3 credit hours**
- PHED 4940 - Teaching Net and Wall Games **2 credit hours**
- PHED 4990 - Seminar in Teaching Physical Education **1 credit hour**

## Secondary Education Minor (27 hours)

See **Secondary Education Minor** for further information.

## 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 **3 credit hours** (HLTH 1530/HLTH 1531 recommended)
- Natural Sciences (Rubric 1) **4 credit hours**
- PHED 2800 - Introduction to Physical Education **2 credit hours**
  
- 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: 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)
  
- Natural Sciences (Rubric 2) **4 credit hours**
- Mathematics (statistics rec.) **3 credit hours**



- Social/Behavioral Sciences (Rubric 2) **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 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: 33 Hours**

### **Junior**

- PHED 4000 - Pedagogy of Physical Education **3 credit hours** AND
- PHED 4001 - Pedagogy of 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: 26 Hours**

### **Senior**

- PHED 4800 - Elementary Physical Education Teaching Methods **3 credit hours** AND
- PHED 4801 - Teaching Elementary Physical Education Practicum **3 credit hours**
  
- PHED 4900 - Secondary Physical Education Teaching Methods **3 credit hours** AND
- PHED 4901 - Teaching Secondary Physical Education Practicum **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**

# Physical Education, Sport Pedagogy Concentration, B.S.

Health and Human Performance  
615-898-2888

Tina Hall, program coordinator  
Tina.Hall@mtsu.edu

The Sport Pedagogy concentration will serve as an opportunity for those who have movement skill and instructional ambitions to pursue a physical education degree option. This concentration will not lead to teacher certification; however, it may be combined with several options for a minor (e.g., athletic coaching, dance, somatic movement) providing students the expertise to be employed in a wider variety of related fields.

## Academic Map

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

**Physical Education, Sports Pedagogy Concentration, B.S., Academic Map**

## Degree Requirements

|                          |                    |
|--------------------------|--------------------|
| <b>General Education</b> | <b>41 hours</b>    |
| <b>Major Requirement</b> | <b>54 hours</b>    |
| <b>Minor</b>             | <b>15-18 hours</b> |
| <b>Electives</b>         | <b>7-10 hours</b>  |
| <b>TOTAL</b>             | <b>120 hours</b>   |

### General Education

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

### Major Requirements (54 hours)

- ATHC 3810 - Directing Intramurals **3 credit hours**
- LSTS 4110 - Youth Sport Programming and Administration **3 credit hours**
- PHED 2800 - Introduction to Physical Education **2 credit hours**
- PHED 3430 - Skill Themes: Games, Gymnastics, and Rhythms **3 credit hours**
- 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**
- PHED 4400 - Motor Behavior **3 credit hours**
- PHED 4470 - Educational Rhythms for Teachers **2 credit hours**
- PHED 4910 - Applied Kinesiology and Biomechanics **3 credit hours**
- PHED 4930 - Teaching Territory Games **3 credit hours**
- PHED 4940 - Teaching Net and Wall Games **2 credit hours**
- PHED 4250 - Internship **3 to 12 credit hours (6 credit hours required)**
- Sports Pedagogy electives **9 credit hours**

- PHED 4000 - Pedagogy of Physical Education **3 credit hours**
- PHED 4001 - Pedagogy of Physical Education Practicum **1 credit hour**
- PHED 3300 - First Aid and Safety Education **3 credit hours** OR
- HLTH 3300 - First Aid and Safety Education **3 credit hours**

### **Minor (15-18 hours)**

### **Electives (7-10 hours)**

## **Curriculum: Physical Education, Sports Pedagogy**

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 Fall**

- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- Humanities and/or Fine Arts **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- HLTH 3300 - First Aid and Safety Education **3 credit hours** OR
- PHED 3300 - First Aid and Safety Education **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**

### **Freshman Spring**

- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- PHED 2800 - Introduction to Physical Education **2 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- Natural Sciences **4 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**

## **Sophomore Fall**

- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- PHED 3930 - Concepts and Tactics of Teaching Games **2 credit hours**
- PHED 3720 - Fitness Education K-12 **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)
  
- Mathematics **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**

**Subtotal: 17 Hours**

## **Sophomore Spring**

- PHED 3430 - Skill Themes: Games, Gymnastics, and Rhythms **3 credit hours**
- PHED 4910 - Applied Kinesiology and Biomechanics **3 credit hours**
- PHED 4930 - Teaching Territory Games **3 credit hours**
- Natural Sciences **4 credit hours**
- Minor **3 credit hours**

**Subtotal: 16 Hours**

## **Junior Fall**

- PHED 4940 - Teaching Net and Wall Games **2 credit hours**
- PHED 4470 - Educational Rhythms for Teachers **2 credit hours**
- PHED 3900 - Adapted Physical Education **3 credit hours**
- PHED 4400 - Motor Behavior **3 credit hours**
- Sports Pedagogy elective **3 credit hours**

**Subtotal: 13 Hours**

## **Junior Spring**

- ATHC 3810 - Directing Intramurals **3 credit hours**
- Sports Pedagogy elective **3 credit hours**
- Elective **3 credit hours**
- Minor **3 credit hours**
  
- PHED 4000 - Pedagogy of Physical Education **3 credit hours** AND
- PHED 4001 - Pedagogy of Physical Education Practicum **1 credit hour**

**Subtotal: 16 Hours**

### **Senior Fall**

- LSTS 4110 - Youth Sport Programming and Administration **3 credit hours**
- Minor **6 credit hours**
- Sports Pedagogy elective **3 credit hours**
- Elective **1 credit hour**

**Subtotal: 13 Hours**

### **Senior Spring**

- PHED 4250 - Internship **3 to 12 credit hours (6 credit hours required)**
- Elective/minor **3 credit hours**
- Electives **6 credit hours**

**Subtotal: 15 Hours**

# Somatic Movement Education Minor

## Health and Human Performance

The minor in Somatic Movement Education consists of 15 hours.

## Required Courses (6 hours)

- HLTH 4340 - Fitness Education for the Adult **3 credit hours**
- PHED 3200 - Somatic Movement **3 credit hours**

## Guided Elective (3 hours)

Choose one course from the following:

- BIOL 2030 - Anatomy and Physiology **3 credit hours** AND
- BIOL 2031 - Anatomy and Physiology Lab **0 credit hours**
  
- PHED 4400 - Motor Behavior **3 credit hours**
- PHED 4910 - Applied Kinesiology and Biomechanics **3 credit hours**

## General Electives (6 hours)

Select 6 credit hours 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, 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 intervention 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.

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.

## Academic Map

Following is a printable, suggested four-year schedule of courses:  
**Speech/Language Pathology and Audiology, B.S., Academic Map**

## Degree Requirements

|                          |                    |
|--------------------------|--------------------|
| <b>General Education</b> | <b>41 hours</b>    |
| <b>Major Requirement</b> | <b>54 hours</b>    |
| <b>Minor</b>             | <b>15-21 hours</b> |
| <b>Electives</b>         | <b>4-10 hours</b>  |
| <b>TOTAL</b>             | <b>120 hours</b>   |

### General Education (41 hours)

**General Education** requirements (shown in curricular listings below) include courses in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences.

### Major Requirements (54 hours)

- CDIS 3050 - Introduction to Speech Language Pathology and Audiology **3 credit hours**
- CDIS 3130 - Hearing and Speech Science **3 credit hours**
- CDIS 3150 - Phonetics **3 credit hours**
- CDIS 3200 - Speech Sound Disorders **3 credit hours**
- CDIS 3260 - Language Acquisition and Analysis **3 credit hours**
- CDIS 3270 - Language and Literacy Development in School-Age Children **3 credit hours**
- CDIS 3300 - Clinical Methods in Speech Language Pathology **3 credit hours**
- CDIS 3350 - Introduction to Audiology **3 credit hours**
- CDIS 3400 - Anatomy and Physiology for Speech Pathology **3 credit hours**
- CDIS 4400 - Neurology in Speech Language Pathology **3 credit hours**

- CDIS 4550 - MTSU Clinic Practicum in Speech Language Pathology A **3 credit hours**
- CDIS 4560 - MTSU Clinic Practicum in Speech Language Pathology B **3 credit hours**
- CDIS 4900 - Diagnostic Procedures in Speech Language Pathology **3 credit hours**

### **Guided Electives (15 hours)**

**Choose 15 hours from the following:**

- CDIS 3450 - Fluency Disorders **3 credit hours** OR
- CDIS 4800 - Speech and Language Disorders in the Adult Population **3 credit hours**
  
- CDIS 4500 - Aural Rehabilitation **3 credit hours**
  
- CDIS 4570 - MTSU Clinic Practicum in Speech Language Pathology C **3 credit hours** OR
- CDIS 4600 - Off-Campus Practicum in Speech Language Pathology **3 credit hours**
  
- ANTH 3410 - Linguistic Anthropology **3 credit hours**
- CDIS 3010 - Communication Disorders in Pop Culture **3 credit hours**
- CDIS 3500 - Multicultural Issues in Communication Disorders **3 credit hours**
- CDIS 4580 - MTSU Clinic Practicum in Speech Language Pathology D **3 credit hours**
- CDIS 4620 - Independent Study **1 to 3 credit hours**
- CDIS 4630 - Independent Study **1 to 3 credit hours**
- CDIS 4660 - School Practicum in Speech Language Pathology **3 credit hours**
- CDIS 4850 - Speech and Language Disorders in Childhood **3 credit hours**
- CDIS 4860 - Seminar in School Speech Language Pathology **3 credit hours**
- CDIS 4700 - Practicum in Audiology **3 credit hours**
- CDIS 4750 - Advanced Audiology **3 credit hours**
- CDIS 4950 - Research Methods in Speech Language Pathology and Audiology **3 credit hours**

### **Minor (15-18 hours)**

### **Electives (4-10 hours)**

## **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)
- 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** (BIOL and either CHEM or PHYS recommended)
- General elective **1 credit hour**



**Choose 6 hours from:**

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

**Subtotal: 29 Hours**

**Sophomore**

- CDIS 3050 - Introduction to Speech Language Pathology and Audiology **3 credit hours**
- CDIS 3130 - Hearing and Speech Science **3 credit hours**
- CDIS 3150 - Phonetics **3 credit hours**
- CDIS 3200 - Speech Sound Disorders **3 credit hours**
- CDIS 3260 - Language Acquisition and Analysis **3 credit hours**
- CDIS 3350 - Introduction to Audiology **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 Sciences **4 credit hours** (BIOL and either CHEM or PHYS recommended; courses required by graduate schools )
- Social/Behavioral Sciences **3 credit hours**
- General elective or minor course **3 credit hours**

**Subtotal: 31 Hours**

**Junior**

- CDIS 3270 - Language and Literacy Development in School-Age Children **3 credit hours**
- CDIS 3300 - Clinical Methods in Speech Language Pathology **3 credit hours**
- CDIS 3400 - Anatomy and Physiology for Speech Pathology **3 credit hours**
- CDIS 4400 - Neurology in Speech Language Pathology **3 credit hours**
- CDIS 4550 - MTSU Clinic Practicum in Speech Language Pathology A **3 credit hours**
- Mathematics (MATH) **3 credit hours** (MATH 1530 recommended; stats required for graduate school)
- Minor course **3 credit hours**
- General elective or minor course **3 credit hours**
- Guided electives **6 credit hours**

**Subtotal: 30 Hours**

## **Senior**

- CDIS 4560 - MTSU Clinic Practicum in Speech Language Pathology B **3 credit hours**
- CDIS 4900 - Diagnostic Procedures in Speech Language Pathology **3 credit hours**
- Guided electives **9 credit hours**
- Minor courses **12 credit hours**
- General elective **3 credit hours**

**Subtotal: 30 Hours**

# Speech/Language Pathology and Audiology Minor

## 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 Speech Language Pathology and Audiology **3 credit hours**
- CDIS 3150 - Phonetics **3 credit hours**
- CDIS 3200 - Speech Sound Disorders **3 credit hours**
- CDIS 3260 - Language Acquisition and Analysis **3 credit hours**
- CDIS 3300 - Clinical Methods in Speech Language Pathology **3 credit hours**
- CDIS 3350 - Introduction to Audiology **3 credit hours**
- CDIS 3400 - Anatomy and Physiology for Speech Pathology **3 credit hours**
- CDIS 4500 - Aural Rehabilitation **3 credit hours**
- CDIS 4850 - Speech and Language Disorders in Childhood **3 credit hours**
- CDIS 4900 - Diagnostic Procedures in Speech Language 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**

# Tourism and Hospitality Management Minor

## Health and Human Performance

The minor in Tourism and Hospitality Management requires 15 semester hours.

## Required (6 hours)

- THM 3100 - Introduction to the Tourism and Hospitality Industry **3 credit hours**
- THM 3390 - Travel and Entertainment Industry **3 credit hours** OR
- THM 4200 - Principles of Lodging and Food and Beverage **3 credit hours**

## Electives (9 hours)

- Approved THM courses **9 credit hours**

# Tourism and Hospitality Management, B.S.

Health and Human Performance  
615-494-8648

Elizabeth Whalen, program coordinator  
Elizabeth.Whalen@mtsu.edu

The Tourism and Hospitality Management (THM) degree offers preparation for a wide variety of careers such as travel and tourism services, food and beverage services, entertainment, concerts and festivals, travel transportation, hotel and resort industries, cruise industry, events and attractions, corporate travel, and event planning. THM students can choose from three specializations: tourism management, hospitality management, and event planning.

## Academic Map

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

### Tourism and Hospitality Management, B.S., Academic Map

## Degree Requirements

|                           |                    |
|---------------------------|--------------------|
| <b>General Education</b>  | <b>41 hours</b>    |
| <b>Major Requirements</b> | <b>52 hours</b>    |
| <i>Major Courses</i>      | <i>25 hours</i>    |
| <i>THM Upper-Division</i> | <i>15 hours</i>    |
| <i>Internship</i>         | <i>12 hours</i>    |
| <b>Minor</b>              | <b>15-18 hours</b> |
| <b>Electives</b>          | <b>9-12 hours</b>  |
| <b>TOTAL</b>              | <b>120 hours</b>   |

### General Education (41 hours)

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

### Major Requirements (25 hours)

- THM 3100 - Introduction to the Tourism and Hospitality Industry **3 credit hours**
- THM 4110 - Tourism and Hospitality Planning and Development **3 credit hours**
- THM 4210 - Service Design and Delivery in Tourism and Hospitality Management **3 credit hours**
- THM 4300 - Issues and Trends in Tourism and Hospitality Management **3 credit hours**
- THM 4400 - Capstone in Tourism and Hospitality Management **3 credit hours**
- THM 4600 - Leadership and Professionalism Seminar in Tourism and Hospitality Management **1 credit hour**
- LSTS 3530 - Program and Facility Planning in Leisure, Sport, and Tourism Studies **3 credit hours**
- LSTS 4660 - Research and Evaluation of Leisure, Sport, and Tourism **3 credit hours**
- LSTS 4890 - Senior Seminar in Leisure, Sport, and Tourism **3 credit hours**

## **THM Specializations (15 hours)**

### **Tourism Management**

- THM 4100 - Destination Management **3 credit hours**
- MKT 3900 - Social Media Marketing **3 credit hours**
- Approved electives **6 credit hours**
  
- THM 4220 - International Tourism **3 credit hours** OR
- LSTS 4850 - Cross-Cultural Perspectives in Leisure and Tourism **3 credit hours**

### **Hospitality Management**

- THM 4200 - Principles of Lodging and Food and Beverage **3 credit hours**
- NFS 4100 - Food Service Management for Culinary Arts **3 credit hours**
- THM 4140 - Food and Spirits Tourism **3 credit hours**
- Approved electives **6 credit hours**

### **Event Planning**

- BCED 4300 - Professional Meeting, Event, Exhibition, and Convention (MEEC) Management **3 credit hours**
- LSTS 3560 - Field Studies in Leisure, Sport, and Tourism **3 credit hours**
- THM 4350 - Special Event Planning **3 credit hours**
- Approved electives **6 credit hours**

### **No Specialization**

- Approved electives **15 credit hours**

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

Choose one from the following:

- THM 4904 - Internship in Tourism Management **12 credit hours**
- THM 4905 - Internship in Hospitality Management **12 credit hours**
- THM 4906 - Internship in Event Planning **12 credit hours**

### **Minor (15-18 hours)**

Choose a minor in Business Administration Minor or Entrepreneurship Minor.

### **Electives (9-12 hours)**

## Curriculum: Tourism and Hospitality Management

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)
- Mathematics **3 credit hours**
- Humanities and/or Fine Arts **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: 15 Hours**

### Freshman Spring

- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- Social/Behavioral Sciences **3 credit hours**
- Natural Sciences **4 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 Fall

- 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)
  
- THM 3100 - Introduction to the Tourism and Hospitality Industry **3 credit hours**
- Minor **3 credit hours**
- THM UD course **3 credit hours**
- THM 4210 - Service Design and Delivery in Tourism and Hospitality Management **3 credit hours**

**Subtotal: 15 Hours**

### Sophomore Spring

- LSTS 3530 - Program and Facility Planning in Leisure, Sport, and Tourism Studies **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- Natural Sciences **4 credit hours**

- Minor **3 credit hours**
- THM 4110 - Tourism and Hospitality Planning and Development **3 credit hours**

**Subtotal: 16 Hours**

### **Junior Fall**

- THM 4300 - Issues and Trends in Tourism and Hospitality Management **3 credit hours**
- THM UD course **3 credit hours**
- THM open-advised elective **3 credit hours**
- Minor **6 credit hours**

**Subtotal: 15 Hours**

### **Junior Spring**

- THM 4400 - Capstone in Tourism and Hospitality Management **3 credit hours**
- THM open-advised elective **3 credit hours**
- THM UD course **3 credit hours**
- Minor **3 credit hours**
- Minor/elective **3 credit hours**

**Subtotal: 15 Hours**

### **Senior Fall**

- LSTS 4890 - Senior Seminar in Leisure, Sport, and Tourism **3 credit hours**
- LSTS 4660 - Research and Evaluation of Leisure, Sport, and Tourism **3 credit hours**
- THM 4600 - Leadership and Professionalism Seminar in Tourism and Hospitality Management **1 credit hour**
- Electives **9 credit hours**

**Subtotal: 16 Hours**

### **Senior Spring**

- THM 4904 - Internship in Tourism Management **12 credit hours** OR
- THM 4905 - Internship in Hospitality Management **12 credit hours** OR
- THM 4906 - Internship in Event Planning **12 credit hours**

**Subtotal: 12 Hours**



## 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** 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** 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** 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** 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** 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** 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** 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** 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** 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** 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** 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** 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 and 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 preceptor.

**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 preceptor.

**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 preceptor.

**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 preceptor.

**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 20 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. Must have declared AT major.**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 (all with C- or better). 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. Taught fall semester, even years.**ATHT 4000 - Strength, Conditioning, and Human Performance****3 credit hours** (Same as ATHC 4000.) Prerequisites: BIOL 2010/BIOL 2011 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** 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 an approved preceptor.

**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** For Athletic Training majors only. 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**

**1 to 3 credit hours** (Same as 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.

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

**3 credit hours** Prerequisite: ATHT 3003; for Athletic Training majors only. 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 3960, 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. *Offered every other spring.*

**ATHT 4980 - Advanced Evidence-Based Medicine in Athletic Training**

**3 credit hours** Prerequisite: ATHT 3980. 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. Taught fall semester, odd years.

**ATHT 4990 - Senior Seminar in Athletic Training**

**3 credit hours** Prerequisite: ATHT 4950. 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 2150 - Voice and Diction**

**3 credit hours** Development of professional voice quality through classroom exercises, individual instruction, and recording assignments to achieve accurate pronunciation, articulation, and expression of American English needed to meet required non-regional accent standards in voice-based occupations.

### **CDIS 3010 - Communication Disorders in Pop Culture**

**3 credit hours** Popular films and literature used to explain how persons with speech, language, and hearing disorders portrayed to the public and how that information promotes images that are positive and negative. Explores how these things influence public opinion.

### **CDIS 3050 - Introduction to Speech Language Pathology and Audiology**

**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 3130 - Hearing and Speech Science**

**3 credit hours** Examines the acoustics of sound and speech production and the perception of sound and speech. Practical application of this knowledge to clinical settings emphasized.

### **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 - Speech Sound 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 for the Educator**

**3 credit hours** Topics include theories of development of language in children from birth through the age eight (approximate end of the developmental period); the impact of the development of oral language on the teaching of reading and writing; an overview of the common speech and language problems seen in the school-aged child; and the influence of environmental factors on the child's ability to communicate and learn.

### **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 3270 - Language and Literacy Development in School-Age Children**

**3 credit hours** Prerequisite: CDIS 3260. Introduces language and literacy development in school-age children. Sampling and analysis in the areas of semantics, morphosyntax, and pragmatics to identify school-age children with and without language disorders.

### **CDIS 3300 - Clinical Methods in Speech Language Pathology**

**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 audiometric 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 3500 - Multicultural Issues in Communication Disorders**

**3 credit hours** An introduction and initial overview of the impact of culture and cultural variation on language and communication. Includes a foundational understanding of cultural-linguistic diversity, application to the clinical process, and overall cultural competence in communication sciences and disorders.

**CDIS 4400 - Neurology in Speech Language Pathology**

**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 - Aural Rehabilitation**

**3 credit hours** Prerequisites: CDIS 3350 and CDIS 3250 or CDIS 3260. Materials and methods employed in programs for persons with hearing loss.

**CDIS 4550 - MTSU Clinic Practicum in Speech Language Pathology A**

**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 - MTSU Clinic Practicum in Speech Language Pathology B**

**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 - MTSU Clinic Practicum in Speech Language Pathology C**

**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 - MTSU Clinic Practicum in Speech Language Pathology D**

**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 - Off-Campus Practicum in Speech Language Pathology**

**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 4660 - School Practicum in Speech Language Pathology**

**3 credit hours** Prerequisite: CDIS 4550, prior semester application, and approval by faculty. Advanced clinical practicum/externship in the schools under the supervision of an ASHA-certified practitioner based in the schools and MTSU faculty.

**CDIS 4700 - Practicum in Audiology**

**3 credit hours** Prerequisites: CDIS 3350 and CDIS 4550 or permission of instructor. 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 4860 - Seminar in School Speech Language Pathology**

**3 credit hours** Prerequisites: CDIS 4550 and CDIS 4560, prior semester application, and approval by faculty. Covers topics appropriate to the implementation of federal, state, and local laws that affect service-delivery of speech-language and hearing in the school setting. Study of best practices in service delivery, school, culture, working with parents, and how to integrate related services such as speech-language and hearing intervention into the academic environment.

**CDIS 4900 - Diagnostic Procedures in Speech Language 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 - Research Methods in Speech Language Pathology and Audiology**

**3 credit hours** Prerequisite: CDIS 3300. Introduces research designs and strategies frequently used in the fields of speech language pathology and audiology. Analysis of research literature and understanding of statistical procedures commonly employed in studying this small yet diverse population.

## **Exercise Science**

**EXSC 1000 - Evaluation and Performance of Resistance Training**

**1 credit hour**

Introduction to core lifts and resistance exercises for Exercise Science majors. Students will establish a base level of proficiency in performance and correction of selected exercises, spotting techniques, and analysis of the biomechanics of resistance training.

*Note: For Exercise Science majors only*

**EXSC 3000 - Resources for Professional Practice in 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**

Prerequisite: EXSC 1000. 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 1000, EXSC 3000, EXSC 3500. 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 or Athletic Training 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 3000 and EXSC 3830 with C- or better. Development of research ideas, application of computers in searching research databases, methods of research and data collection, and data analysis.

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

**EXSC 4010 - Applied Research in Exercise Science**

**3 credit hours**

Prerequisite: EXSC 4000 with C- or better. 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 3500 and EXSC 4240 with C- or better. 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 3000, EXSC 3830/EXSC 3831, and EXSC 4230. 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:** *For Exercise Science or Athletic Training majors only.*

**EXSC 4250 - Internship**

**6 or 12 credit hours**

Prerequisite: BIOL 2020/BIOL 2021; EXSC 4000, EXSC 4230, EXSC 4240 with C- or better; 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 with C- or better. 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 3240 or HLTH 3320 with C- or better. 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 3240 - 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 3260 - Environmental Health**

**3 credit hours** Covers influences of the physical and social environment on health including definitions of toxicology, risk assessment and management, occupational health, and the role of social justice and environmental regulations on health.

**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.  
*NOTE: If taking online, student must take skills test with instructor in order to receive certification.*

**HLTH 3320 - Assessment in 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 3350 - Survey of Human Disease**

**3 credit hours** Prerequisite: BIOL 2030/BIOL 2031 or BIOL 2010/BIOL 2011 and BIOL 2020/BIOL 2021 with grade of C or better. Introduces the foundations of organ systems and disease. Includes information on symptoms, diagnosis, and the impact of both infectious and noninfectious disease on organ systems.

**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 4020 - Biostatistics for Public Health**

**3 credit hours** Prerequisite: MATH 1710 with grade of C or better. Introduces the foundations of biostatistics for public health. Specific topics will include epidemiological study designs, hypothesis testing procedures, data visualization and statistical analyses. Emphasis will be placed on proper data collection, usage, and analyses for public health.

**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 4250 - Internship**

**9 credit hours** Prerequisite: Permission of department; must be taken after major classes. On-site practical experience in an exercise science/health promotion program. **Note:** *Students may enroll in a maximum of an additional 4 credit hours while enrolled in HLTH 4250.*

**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. *NOTE: Student must have current First Aid and CPR certification.*

**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 3240 with C- or better. 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** Prerequisites: HLTH 4430 with a minimum grade of C; junior or senior standing. 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, HLTH 3240, and HLTH 4430 all with a minimum grade of C-. 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 4960 - Advanced Teaching in Health Education**

**3 credit hours** Prerequisite: HLTH 4260; corequisite: YOED 4020. Supervised field-based experience the semester prior to Residency II (student teaching). Teacher candidates will spend one full school day a week engaged in research-based best practices under the collaborative supervision of highly effective mentor teachers and university faculty. Seminars constructed around effective teaching skills and a variety of co-teaching models.

#### **HLTH 4990 - Health Internship**

**6 to 12 credit hours** Prerequisite: Permission of department and must be taken after all major classes are complete. If the 12-hour option is chosen, no other courses may be taken except for HLTH 4900. On-site practical experience in a community health agency.

### **Healthcare Administration**

#### **HETH 3100 - Community Healthcare: Issues and Services**

**3 credit hours** Examines common health issues faced by individuals, families, and communities, as well as programs and services that address health issues. Emphasis on health promotion, health maintenance, illness prevention among populations, and resources available and/or needed.

#### **HETH 3110 - Healthcare Research**

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

Prerequisite: MATH 1530. Introduces the research process and basic health research concepts. Includes overview of methodology, types of research, and application of research process through literature review and written research proposal.

**NOTE:** *For Professional Studies majors only.*

#### **HETH 3120 - International Health: Problems and Issues**

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

Explores the impact of public health practices around the world at the individual, community, and global level. Emphasis on factors that contribute to health, access to health, healthcare delivery, and the burden of both communicable and noncommunicable disease.

**NOTE:** *For Professional Studies majors only.*

#### **HETH 4100 - Healthcare Leadership and Management**

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

Examines managerial and leadership concepts, issues, roles, and functions as applied to the role of the healthcare professional in various settings.

**NOTE:** *For Professional Studies majors only.*

#### **HETH 4110 - Trends and Issues in Healthcare**

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

Introduces the structure, financing, and delivery of services in the U.S. healthcare system. Topics include public and private insurance, various health services, health service providers, health policy, characteristics of the healthcare workforce, and issues related to law and ethics.

**NOTE:** *For Professional Studies majors only.*

### **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. For LSTS majors only.

### **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 majors only.

### **LSTS 3530 - Program and Facility Planning in Leisure, Sport, and Tourism Studies**

**3 credit hours** Prerequisite: LSTS 3010 or THM 3100. The understanding of participant leisure, sport, and tourism needs and ways organizations create services to respond to them. For LSTS/THM majors only.

### **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 majors only.

### **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 detract 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 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 - Finance and Administration of Leisure, Sport, and Tourism Studies**

**3 credit hours** 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. For LSTS majors only.

**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 majors only.

**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 - Research and 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.

**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 Management**

**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 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.) 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 1182 - Introduction to Lifetime Activities**

**1 credit hour** Introduction to weight management and resistance training, medicine ball and kettlebell workouts, indoor cycling, and yoga.

**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** Prerequisite: PHED 1270 with minimum grade of B. 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** Prerequisite: PHED 1310. 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 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** Prerequisite: PHED 2040. 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** Prerequisite: PHED 2010. 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** Prerequisite: PHED 1040. 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** Prerequisite: PHED 2160. 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** Prerequisite: PHED 1080. 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** Prerequisite: PHED 2190. 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** Prerequisite: PHED 1200. 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** Prerequisite: PHED 1100. 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** Prerequisite: PHED 1150. 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** Prerequisite: PHED 2180. 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** Prerequisite: PHED 2020. 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** Prerequisite: PHED 2270. 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** Prerequisite: PHED 2070. 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** Prerequisite: PHED 2090. 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.

### **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** 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 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 4000 - Pedagogy of Physical Education**

**3 credit hours** Prerequisites: PHED 2800 and PHED 4400. Corequisite: PHED 4001. Planning and instruction in the K-12 physical education setting including environmental arrangements, task presentation, content development, and classroom management.

**PHED 4001 - Pedagogy of Physical Education Practicum**

**1 credit hour** Corequisite: PHED 4000. 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 4000.

**PHED 4250 - Internship**

**3 to 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; PHED 3430, PHED 3900, PHED 4000, PHED 4001, PHED 4710, and PHED 4780 all with minimum grade of C. 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 program; PHED 3900, PHED 4000, PHED 4001, PHED 4710, and PHED 4780 all with minimum grade of C. 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 4960 - Advanced Teaching in Physical Education**

**3 credit hours** Prerequisites: PHED 4800, PHED 4801, PHED 4900, and PHED 4901 (each with grade of B or better). Corequisite: YOED 4020. A supervised, field-based experience taken the semester prior to Residency II (student teaching). Teacher candidates will spend one full school day a week engaged in research-based best practices under the collaborative supervision of highly effective mentor teachers and university faculty. Seminars constructed around effective teaching skills and a variety of co-teaching models.

**PHED 4990 - Seminar in Teaching Physical Education**

**1 credit hour** Prerequisites: PHED 4800, PHED 4801, PHED 4900, and PHED 4901. 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.

## Tourism and Hospitality Management

**THM 3100 - Introduction to the Tourism and Hospitality Industry**

**3 credit hours** Introduces the structure and scope of the travel/tourism and hospitality industry, the largest national employment base in private industry. The tourism and hospitality industry encompasses lodging, travel, tourism, recreation, amusements, attractions, resorts, restaurants, and food and beverage service. Provides knowledge and skills for industry standards to ensure students prepared to complete in this multifaceted industry.

**THM 3390 - Travel and Entertainment Industry**

**3 credit hours** Familiarizes students with the broad sectors of travel, clubs, and theme parks 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 economic, technical, cultural, geographic, and vocational factors.

**THM 4100 - Destination Management**

**3 credit hours** Prerequisite: THM 3100. Examines both economic and marketing aspects of the tourism destination management and related principles and theories.

**THM 4110 - Tourism and Hospitality Planning and Development**

**3 credit hours** Explores various dimensions of the role tourism plays in community and regional development. Discusses the theories and practices regarding tourism supply and demand, economic impact, tourism structure and policy, environmental and social considerations, travel and tourism research. Specific attention given to sustainability of the community and industry and the examination of

the dynamics between social or economic development and the quality of life for the residents.

**THM 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.

**THM 4140 - Food and Spirits Tourism**

**3 credit hours** Familiarizes students with how food, wine, beer, and spirits tourism industries diverge, and indeed converge, across a range of economic, technical, cultural, geographic, and vocational factors.

**THM 4200 - Principles of Lodging and Food and Beverage**

**3 credit hours** In-depth examination of the principles, theories, and practices related to lodging and food and beverage (F&B) business operation. Covers managerial practice, marketing, human resources, budgeting, and career components of hotel/lodging, resorts, restaurants, catering, and food and beverage services in the hospitality industry.

**THM 4210 - Service Design and Delivery in Tourism and Hospitality Management**

**3 credit hours** Introduces students to a myriad of concerns, issues, and objectives found when managing service operations in the tourism and hospitality industry; provides a look into the decision-making process for improved organization operations. Reviews designing and delivering service to internal and external customers through basic principles of service management, service environment, and interactions.

**THM 4220 - International Tourism**

**3 credit hours** (Same as FL 4220.) Examines international travel and tourism issues and trends, travel challenges, demand, popular destinations, safety, and international travel and tourism organizations. Utilizes current international tourism statistics to identify and analyze current industry trends.

**THM 4300 - Issues and Trends in Tourism and Hospitality Management**

**3 credit hours** Prerequisite: THM 3100. Examines current critical issues facing the hospitality and tourism industry. Through examination, students will

assess the implications and impacts of these trends and issues as well as develop an understanding for how to manage, utilize, mitigate, and develop their outcomes.

**THM 4350 - Special Event Planning**

**3 credit hours** Introduces the planning and administration of special events to include weddings, ceremonies, festivals, and concerts. Explores the social, political, economic, cultural, religious, and historical influences on special event decision-making. Reviews practices relevant to successful special events and consultancy for diverse clientele and settings. Offers understanding of the history, theoretical foundations, key intricacies of special events, the role of the planner, industry standards and trends, and career opportunities.

**THM 4400 - Capstone in Tourism and Hospitality Management**

**3 credit hours** Prerequisites: THM 3100 and THM 4210. Focuses on understanding and analyzing managerial decisions and actions that determine and influence the long-run direction and performance of an organization through looking at objectives, developing appropriate plans, and finding and allocating resources.

**THM 4600 - Leadership and Professionalism Seminar in Tourism and Hospitality Management**

**1 credit hour** Provides students with an opportunity to understand key aspects of leadership and professionalism faced in careers within the tourism and hospitality industry.

**THM 4904 - Internship in Tourism Management**

**12 credit hours** Prerequisites: Departmental approval; senior standing; minimum 2.25 GPA; LSTS 3010 or THM 3100, LSTS 3530, 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.

**THM 4905 - Internship in Hospitality Management**

**12 credit hours** Prerequisites: Departmental approval; minimum 2.25 GPA; THM 3100, THM 4110, THM 4200, THM 4210, LSTS 3530, 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 lodging and/or food and beverage agency. Students will work or volunteer 40 hours per week with an agency for a minimum of 480 hours of contact time for duration of course.

**THM 4906 - Internship in Event Planning**

**12 credit hours** Prerequisites: Departmental approval; minimum 2.25 GPA; THM 3100, THM 3110, THM 3390, THM 3530, THM 4100, THM 4210, THM 4200, LSTS 4660, 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 in event planning. Students will work or volunteer 40 hours per week with an agency for a minimum of 480 hours of contact time for duration of course.



## Human Sciences

### **Gina Pisut, Interim Chair**

**Ayers, Belcher, Bogle, Brickey, Bruce, Colson, Cook, Cottle, Harrison, King, Poirier, Rudd, Sheehan-Smith, Shephard, Smith, Vu, Weir**

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 concentration in Dietetics, Food Industry, and Nutrition and Wellness; 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 Leadership in Nutrition concentration is offered through the Professional Studies program, and 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.

## Human Sciences

Claire Cook, program coordinator

615-898-5914

Claire.Cook@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.

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.*

## 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**

## Degree Requirements

|                           |                    |
|---------------------------|--------------------|
| <b>General Education</b>  | <b>41 hours</b>    |
| <b>Major Requirements</b> | <b>62-63 hours</b> |
| <b>Minor</b>              | <b>15-18 hours</b> |
| <b>Electives</b>          | <b>0-4 hours</b>   |
| <b>TOTAL</b>              | <b>120 hours</b>   |

### General Education (41 hours)

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

**The following courses recommended by the program meet General Education requirements:**

- **MATH 1010** (Math)
- **PSY 1410** (Soc/Beh Sci)

### Major Requirements (62-63 hours)

- CDFS 3310 - Human Development II **3 credit hours**
- CDFS 3320 - Family Relations **3 credit hours**
- CDFS 3330 - Dynamics of Interpersonal Relationships **3 credit hours**
- CDFS 3390 - Child Development and Family Studies Professional Seminar **3 credit hours**
- CDFS 4140 - Violence in the Family **3 credit hours**
- CDFS 4310 - Human Development III **3 credit hours**
- CDFS 4340 - The Contemporary Family **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**
  - CDFS 4710 - Family Centered Community Building I **3 credit hours**
  - CDFS 4740 - Advocacy and Public Policy for Individuals and Families Across the Lifespan **3 credit hours**
  - CDFS 4790 - Family Life Program Development and Evaluation **3 credit hours**
  - HSC 1010 - Career Orientation **1 credit hour**
  - HSC 4000 - Senior Seminar **1 credit hour**
  - HSC 4101 - Internship: Child Development and Family Studies **6 credit hours**
  - HSC 4410 - Consumer Economics **3 credit hours**
  - NFS 1240 - Principles of Nutrition **3 credit hours**
  - Elective **3 credit hours**
- 
- HLTH 4360 - Teaching Human Sexuality **3 credit hours** OR
  - PSY 4600 - Psychosexual Adjustment **3 credit hours**

**Choose one course from:**

- CDFS 3300 - Caring Across Generations **4 credit hours**
- CDFS 4391 - Aging Health and Development **3 credit hours**
- CDFS 4400 - Children in Healthcare Settings **3 credit hours**
- CDFS 4720 - Family Centered Community Building II **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**

**Minor (15-18 hours)**

**Electives (0-4 hours)**

**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) (rec.)
- 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**
- Electives **4 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) (rec.)
- 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** \*

- CDFS 4740 - Advocacy and Public Policy for Individuals and Families Across the Lifespan **3 credit hours**
- HSC 4101 - Internship: Child Development and Family Studies **6 credit hours** \*
- Minor **6 credit hours**
- Elective **0-1 credit hour**

**Choose one from:**

- CDFS 3300 - Caring Across Generations **4 credit hours**
- CDFS 4391 - Aging Health and Development **3 credit hours** \*
- CDFS 4400 - Children in Healthcare Settings **3 credit hours**
- CDFS 4720 - Family Centered Community Building II **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**

**NOTE:**

*\*CFLE courses - students must earn C- or higher for the Certified Family Life Educator (CFLE) certification.*

# Family and Consumer Studies, Family and Consumer Sciences Education Concentration, B.S.

## Human Sciences

### TBA, program coordinator

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.

## 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

## Degree Requirements

|                                  |                  |
|----------------------------------|------------------|
| <b>General Education</b>         | <b>41 hours</b>  |
| <b>Major Requirements</b>        | <b>53 hours</b>  |
| <b>Secondary Education Minor</b> | <b>27 hours</b>  |
| <b>TOTAL</b>                     | <b>121 hours</b> |

### General Education (41 hours)

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

### Major Requirements (53 hours)

- CDFS 3320 - Family Relations **3 credit hours**
- CDFS 4310 - Human Development III **3 credit hours**
- CDFS 4350 - Parenting **3 credit hours**
- FCSE 1400 - Personal Finance **3 credit hours**
- FCSE 2510 - Family and Consumer Sciences Education Curriculum **3 credit hours**
- FCSE 3510 - Methods and Materials for Teaching Family and Consumer Sciences Education **3 credit hours**
- HSC 1010 - Career Orientation **1 credit hour**
- HSC 3430 - Housing **3 credit hours**
- HSC 4000 - Senior Seminar **1 credit hour**
- HSC 4410 - Consumer Economics **3 credit hours**

- HSC 4420 - Personal and Family Management **3 credit hours**
- IDES 4620 - House Furnishings **3 credit hours**
- NFS 2220 - Nutrition for the Health Sciences **3 credit hours**
  
- NFS 3200 - Food Science **3 credit hours** AND
- NFS 3201 - Food Science Lab **0 credit hours**
  
- TXMD 3200 - Clothing I **3 credit hours**
  
- TXMD 2180 - Textiles I **3 credit hours** AND
- TXMD 2181 - Textiles I Laboratory **0 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 **3 credit hours**
  
- HSC 3020 - Presentation Techniques **3 credit hours** OR
- COMM 2560 - Intercultural Communication **3 credit hours**
  
- NFS 3100 - Cultural Food Studies **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**

### **Secondary Education Minor (27 hours)**

See **Secondary Education Minor** for further information.

## **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 (9 hours)**

- CDFS 3310 - Human Development II **3 credit hours**
- ECE 4360 - Administering Early Childhood Programs **3 credit hours**
- ECE 4370 - Effective Instruction (Birth-8) **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 Development **3 credit hours**

### **Option C: Food Production and Management Services (12 hours)**

- NFS 3100 - Cultural Food Studies **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 3400 - 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 Science **3 credit hours** AND
- NFS 3201 - Food Science Lab **0 credit hours**

- COMM 2560 - 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 - Cultural Food Studies **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**

## **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.

## Human Sciences

Kristi Julian, program coordinator

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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.

## Computer Requirements:

The Interior Design major requires students to lease or own a laptop PC computer no later than the beginning of spring semester sophomore year. Interior design students are required to have a PC laptop with the following minimum operating requirements in order to efficiently run design software.

<https://knowledge.autodesk.com/support/revit-products/learn-explore/caas/sfdcarticles/sfdcarticles/System-requirements-for-Autodesk-Revit-2020-products.html>

## Admission and Progression

### Interior Design Curriculum Prior to Admission to the Professional Course Sequence

1. Any student formally admitted to the University may pursue the Interior Design curriculum.
2. Interior Design majors are required to complete IDES 1010 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.

### Admission into the Professional Course Sequence (Candidacy)

Applicants are guaranteed admission to the professional course sequence in Interior Design if they

- have a minimum ACT score of 25 (or SAT equivalent);
- have a minimum inclusive undergraduate college GPA of 3.5; and
- have completed each of the following courses with a grade of C (2.00) or better:
  - General Education ENGL 1010, ENGL 1020 - 6 credit hours
  - General Education Natural Science - 8 credit hours
  - General Education Math - 3 credit hours
  - General Education Humanities/Fine Arts (excluding ART 1030) - 3 credit hours
  - General Education Social/Behavioral Sciences - 3 hours
  - Interior Design Career Orientation (IDES 1010) - 1 credit hour
  - Other (from required professional support or general education courses) - 6 credit hours

Depending on space and available resources, additional students may be admitted on a competitive basis. Admission will be based on ACT/SAT score (25% weight) and inclusive undergraduate GPA (75% weight) and completion of all prerequisite courses with grade of C (2.00) or better.

*Note: Students with less than a 2.50 inclusive GPA are not eligible for admission to the sequence of professional 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. An inclusive 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 inclusive 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.

## Academic Map

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

### Interior Design, B.S., Academic Map

## Degree Requirements

|                             |                      |
|-----------------------------|----------------------|
| <b>General Education</b>    | <b>41 hours</b>      |
| <b>Major Requirements</b>   | <b>60 hours</b>      |
| <b>Professional Support</b> | <b>22 hours*</b>     |
| <b>TOTAL</b>                | <b>120-123 hours</b> |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If program requirements are also used to fulfill General Education requirements, the number of elective hours will increase.*

### General Education (41 hours)

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

**The following course recommended for the program meets General Education requirements:**

- ART 1920 (Hum/FA)

### Major Requirements (60 hours)

- IDES 2100 - Interior Design Elements and Principles **3 credit hours**
- IDES 2110 - Interior Design Communications **3 credit hours**
- IDES 2120 - History of Interiors I **3 credit hours**
- IDES 3100 - Design Process **3 credit hours**
- IDES 3110 - Interior Design Computer Applications I **3 credit hours**
- IDES 3120 - History of Interiors II **3 credit hours**
- IDES 3130 - House Design **3 credit hours**

- IDES 3140 - Interior Materials and Finishes **3 credit hours**
- IDES 3200 - Interior Perspective Sketching and Rendering **3 credit hours**
- IDES 3210 - Interior Design Computer Applications II **3 credit hours**
- IDES 3220 - Residential Design I **3 credit hours**
- IDES 3300 - Interior Design Business Practices **3 credit hours**
- IDES 3310 - Interior Design Computer Applications III **3 credit hours**
- IDES 3320 - Corporate Design **3 credit hours**
- IDES 3330 - Lighting Design **3 credit hours**
- IDES 4100 - Interior Construction Documents **3 credit hours**
- IDES 4110 - Residential Design II **3 credit hours**
- IDES 4120 - Interior Design Portfolio **3 credit hours**
- IDES 4200 - Healthcare Design **3 credit hours**
- IDES 4210 - Hospitality Design **3 credit hours**

### **Professional Support (22 hours)**

- ART 1620 - Drawing I **3 credit hours**
- CDFS 3320 - Family Relations **3 credit hours**
- IDES 1010 - Interior Design Career Orientation **1 credit hour**
- MKT 3820 - Principles of Marketing **3 credit hours**
  
- TXMD 2180 - Textiles I **3 credit hours** AND
- TXMD 2181 - Textiles I Laboratory **0 credit hours**
  
- CDFS 3330 - Dynamics of Interpersonal Relationships **3 credit hours** OR
- HSC 4430 - Resource Management **3 credit hours** OR
- NFS 1240 - Principles of Nutrition **3 credit hours**
  
- Choose 6 hours from:**
- ART 1910 - Survey of Non-Western Art **3 credit hours**
- ART 1920 - Survey of Western Art I **3 credit hours** ( may be counted in General Education)
- ART 1930 - Survey of Western Art II **3 credit hours**

## **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)
- IDES 1010 - Interior Design Career Orientation **1 credit hour**
- Natural Sciences **4 credit hours**
- Mathematics **3 credit hours**
- Humanities and/or Fine Arts **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**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
  
- ART 1910 - Survey of Non-Western Art **3 credit hours** OR
- ART 1920 - Survey of Western Art I **3 credit hours** (recommended for Hum/FA) OR
- ART 1930 - Survey of Western Art II **3 credit hours**

**Subtotal: 16 Hours**

## **Sophomore Fall**

- IDES 2100 - Interior Design Elements and Principles **3 credit hours**
- IDES 2110 - Interior Design Communications **3 credit hours**
- IDES 2120 - History of Interiors I **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 3100 - Design Process **3 credit hours**
- IDES 3130 - House Design **3 credit hours**
- IDES 3110 - Interior Design Computer Applications I **3 credit hours**
- IDES 3140 - Interior Materials and Finishes **3 credit hours**
- IDES 3120 - History of Interiors II **3 credit hours**

**Subtotal: 15 Hours**

## **Junior Fall**

- IDES 3200 - Interior Perspective Sketching and Rendering **3 credit hours**
- IDES 3220 - Residential Design I **3 credit hours**
- IDES 3210 - Interior Design Computer Applications II **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 3330 - Lighting Design **3 credit hours**
- IDES 3320 - Corporate Design **3 credit hours**
- IDES 3300 - Interior Design Business Practices **3 credit hours**
- IDES 3310 - Interior Design Computer Applications III **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 4110 - Residential Design II **3 credit hours**
- IDES 4120 - Interior Design Portfolio **3 credit hours**
- IDES 4100 - 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 4200 - Healthcare Design **3 credit hours**
- IDES 4210 - Hospitality Design **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**



# 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 3000 - Nutrition Principles for Physical Activity and Health **3 credit hours**
- NFS 3100 - Cultural Food Studies **3 credit hours**
- NFS 3200 - Food Science **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 4100 - Food Service Management for Culinary Arts **3 credit hours**
- NFS 4210 - Nutrition in Aging **3 credit hours**
- NFS 4240 - Experimental Food Study **3 credit hours**
- NFS 4250 - Life Cycle Nutrition **3 credit hours**
- NFS 4251 - Nutrition for the Young Child **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**
- NFS 4570 - Fundamentals of Culinary Arts **3 credit hours**

# Nutrition and Food Science, B.S.

## 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.

## Academic Map

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

### Nutrition and Food Science, B.S., Academic Map

## Degree Requirements

|                                |                  |
|--------------------------------|------------------|
| General Education              | 41 hours         |
| Major Requirements             | 53 hours*        |
| Professional Auxiliary Courses | 8 hours*         |
| Electives                      | 18-22 hours      |
| <b>TOTAL</b>                   | <b>120 hours</b> |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If program requirements are also used to fulfill General Education requirements, the number of elective hours will increase.*

### General Education (41 hours)

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

The following course required by the program meets General Education requirements:

- BIOL 2010/BIOL 2011 (Nat Sci)

The following courses recommended by the program meet General Education requirements:

- CHEM 1010/CHEM 1011, CHEM 1030/CHEM 1031, or CHEM 1110/CHEM 1111 (Nat Sci)
- SOC 1010 (Soc/Beh Sci)
- MATH 1010 (Math)

### Major Requirements (53 hours)

- CDFS 3320 - Family Relations **3 credit hours**
- HSC 1010 - Career Orientation **1 credit hour**
- HSC 4000 - Senior Seminar **1 credit hour**
- HSC 4410 - Consumer Economics **3 credit hours**
- NFS 2220 - Nutrition for the Health Sciences **3 credit hours**
- NFS 3100 - Cultural Food Studies **3 credit hours**
  
- NFS 3200 - Food Science **3 credit hours** AND
- NFS 3201 - Food Science Lab **0 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 4250 - Life Cycle Nutrition **3 credit hours**
- NFS 4260 - Food Safety Issues from Production to Consumption **3 credit hours**
- NFS 4270 - Advanced Nutrition I **3 credit hours**

### **Choose 15 hours:**

- BIOL 2100 - Microbiology in Disease **3 credit hours** AND
- BIOL 2101 - Microbiology in Disease Lab **0 credit hours**
  
- BIOL 2230 - Microbiology **4 credit hours** AND
- BIOL 2231 - Microbiology Lab **0 credit hours**
  
- CHEM 1020 - Introductory General Chemistry II **4 credit hours** AND
- CHEM 1021 - Intro to General Chemistry II Lab **0 credit hours**
  
- CHEM 1120 - General Chemistry II **4 credit hours** AND
- CHEM 1121 - General Chemistry II Lab **0 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**
  
- HLTH 3020 - Terminology in Health and Human Performance **3 credit hours**
- HSC 4102 - Internship: Nutrition and Food Science **3 or 6 credit hours**
- NFS 4100 - Food Service Management for Culinary Arts **3 credit hours**
- NFS 4271 - Advanced Nutrition II **3 credit hours**
- NFS 4500 - Nutrition Education **3 credit hours**
- NFS 4550 - Nutrition and Weight Management **3 credit hours**
- NFS 4555 - Food Laws and Regulations **3 credit hours**
- NFS 4570 - Fundamentals of Culinary Arts **3 credit hours**

### **Professional Education Auxiliary Course (8 hours)**

- BIOL 2010 - Human Anatomy and Physiology I **4 credit hours** AND
- BIOL 2011 - Human Anatomy and Physiology I Lab **0 credit hours (may be counted in General Education)**
  
- BIOL 2020 - Human Anatomy and Physiology II **4 credit hours** AND
- BIOL 2021 - Human Anatomy and Physiology II Lab **0 credit hours**

### **Electives (18-22 hours)**

## 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) (recommended)
- 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)  
OR
- CHEM 1030 - Chemistry for Consumers **4 credit hours** (Nat Sci) AND
- CHEM 1031 - Chemistry for Consumers Lab **0 credit hours** (Nat Sci)
  
- 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: 30 Hours**

### Sophomore

- NFS 3200 - Food Science **3 credit hours** AND
- NFS 3201 - Food Science 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) (recommended)
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- Electives **4 credit hour**
  
- 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**
- Electives **9 credit hours**
- CDFS 3320 - Family Relations **3 credit hours**
- NFS 3100 - Cultural Food Studies **3 credit hours**
- NFS 4210 - Nutrition in Aging **3 credit hours**
- NFS 4240 - Experimental Food Study **3 credit hours**
- NFS 4250 - Life Cycle Nutrition **3 credit hours**
- NFS 4260 - Food Safety Issues from Production to Consumption **3 credit hours**
- NFS 4270 - Advanced Nutrition I **3 credit hours**

**Subtotal: 33 Hours**

**Senior**

- HSC 4000 - Senior Seminar **1 credit hour**
- Electives **9 credit hours**

**Choose 15 hours**

- BIOL 2100 - Microbiology in Disease **3 credit hours** AND
- BIOL 2101 - Microbiology in Disease Lab **0 credit hours**
  
- BIOL 2230 - Microbiology **4 credit hours** AND
- BIOL 2231 - Microbiology Lab **0 credit hours**
  
- CHEM 1020 - Introductory General Chemistry II **4 credit hours** AND
- CHEM 1021 - Intro to General Chemistry II Lab **0 credit hours**
  
- CHEM 1120 - General Chemistry II **4 credit hours** AND
- CHEM 1121 - General Chemistry II Lab **0 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**
  
- HLTH 3020 - Terminology in Health and Human Performance **3 credit hours**
- HSC 4102 - Internship: Nutrition and Food Science **3 or 6 credit hours**
- NFS 4100 - Food Service Management for Culinary Arts **3 credit hours**

- NFS 4271 - Advanced Nutrition II **3 credit hours**
- NFS 4500 - Nutrition Education **3 credit hours**
- NFS 4550 - Nutrition and Weight Management **3 credit hours**
- NFS 4555 - Food Laws and Regulations **3 credit hours**
- NFS 4570 - Fundamentals of Culinary Arts **3 credit hours**

**Subtotal: 25 Hours**

# Nutrition and Food Science, Dietetics Concentration, B.S.

## Human Sciences

615-898-2090

Lisa Sheehan-Smith

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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 2190, Chicago, IL 60606-6995, (312) 877-1600, ext. 5400.

Students are required to go through a sequential three-step process to become a Registered Dietitian/Nutritionist (RD/RDN) including

1. completion of an ACEND accredited DPD, such as the MTSU program.
2. completion of an ACEND accredited dietetic internship program.
3. passing the national examination administered by the Commission on Dietetic Registration.

**Note:** Effective January 1, 2024, the Commission on Dietetic Registration (CDR) will require a minimum of a master's degree to be eligible to take the credentialing exam to become a registered dietitian nutritionist (RDN). In addition, CDR requires that individuals complete coursework and supervised practice in programs accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). Graduates who successfully complete the ACEND-accredited DPD at MTSU are eligible to apply to an ACEND-accredited supervised practice program. For more information about educational pathways to become an RDN please visit [www.eatrightpro.org/acend/students-and-advancing-education/information-for-students](http://www.eatrightpro.org/acend/students-and-advancing-education/information-for-students).

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 NFS 1010, NFS 4010, NFS 4020, NFS 4240, NFS 4300, NFS 4305, NFS 4310, NFS 4320, and NFS 4322 at MTSU.

## Academic Map

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

### Nutrition and Food Science, Dietetics, B.S., Academic Map

## Degree Requirements

|                           |                  |
|---------------------------|------------------|
| <b>General Education</b>  | <b>41 hours</b>  |
| <b>Major Requirements</b> | <b>59 hours</b>  |
| <b>Electives</b>          | <b>34 hours*</b> |
| <b>TOTAL</b>              | <b>120 hours</b> |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If courses for this program are also used to fulfill General Education requirements, the program of study may be completed in 120 hours.*

## General Education (41 hours)

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

**The following courses required by the program meet General Education requirements:**

- MATH 1530 (Math)
- SOC 1010 (Soc/Beh Sci)

- BIOL 2010/BIOL 2011 (Nat Sci)
- CHEM 1010/CHEM 1011 or CHEM 1110/CHEM 1111 (Nat Sci)

### **Major Requirements (59 hours)**

- CDFS 3320 - Family Relations **3 credit hours**
- NFS 1010 - Career Orientation in Dietetics **2 credit hours**
- NFS 2220 - Nutrition for the Health Sciences **3 credit hours**
- NFS 3100 - Cultural Food Studies **3 credit hours**
  
- NFS 3200 - Food Science **3 credit hours** AND
- NFS 3201 - Food Science Lab **0 credit hours**
  
- NFS 3260 - Community Nutrition **3 credit hours**
- NFS 3280 - Sports Nutrition **3 credit hours**
- NFS 3400 - Food Safety and Sanitation **1 credit hour**
- NFS 4010 - Professional Issues in Dietetics **2 credit hours**
- NFS 4020 - Senior Seminar in Dietetics **2 credit hours**
- NFS 4210 - Nutrition in Aging **3 credit hours**
- NFS 4240 - Experimental Food Study **3 credit hours**
- NFS 4250 - Life Cycle Nutrition **3 credit hours**
- NFS 4270 - Advanced Nutrition I **3 credit hours**
- NFS 4271 - Advanced Nutrition II **3 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**
- NFS 4320 - Food Systems Management **4 credit hours**
- NFS 4322 - Dietetics Management **4 credit hours**

### **Support Courses (34 hours)**

- BIOL 2010 - Human Anatomy and Physiology I **4 credit hours** AND
- BIOL 2011 - Human Anatomy and Physiology I Lab **0 credit hours (may be counted in General Education)**
  
- BIOL 2020 - Human Anatomy and Physiology II **4 credit hours** AND
- BIOL 2021 - Human Anatomy and Physiology II Lab **0 credit hours**
  
- BIOL 2230 - Microbiology **4 credit hours** AND
- BIOL 2231 - Microbiology Lab **0 credit hours**
  
- CHEM 1010 - Introductory General Chemistry I **4 credit hours** AND
- CHEM 1011 - Intro to General Chemistry I Lab **0 credit hours**
- OR
- CHEM 1110 - General Chemistry I **4 credit hours** AND
- CHEM 1111 - General Chemistry I Lab **0 credit hours (may be counted in General Education)**



- 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**
  
- 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**
  
- MATH 1530 - Applied Statistics **3 credit hours (may be counted in General Education)**
- SOC 1010 - Introductory Sociology **3 credit hours (may be counted in General Education)**

## 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)
- Humanities and/or Fine Arts (2 prefixes) **6 credit hours**
- SOC 1010 - Introductory Sociology **3 credit hours** (Soc/Beh Sci)
- NFS 1010 - Career Orientation in Dietetics **2 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**
  
- 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: 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)
  
- CDFS 3320 - Family Relations **3 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- MATH 1530 - Applied Statistics **3 credit hours** (Math)
- NFS 3100 - Cultural Food Studies **3 credit hours**
- Social/Behavioral Sciences **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**
  
- BIOL 2230 - Microbiology **4 credit hours** AND
- BIOL 2231 - Microbiology 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

- NFS 3200 - Food Science **3 credit hours** AND
- NFS 3201 - Food Science Lab **0 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 3400 - 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: 30 Hours**

## **Senior**

- NFS 4010 - Professional Issues in Dietetics **2 credit hours**
- NFS 4020 - Senior Seminar in Dietetics **2 credit hours**
- NFS 4250 - Life Cycle Nutrition **3 credit hours**
- NFS 4320 - Food Systems Management **4 credit hours**
- NFS 4322 - 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**

**Subtotal: 26 Hours**

# Nutrition and Food Science, Food Industry Concentration, B.S.

Human Sciences  
615-898-2091

Janet Colson, program director  
Janet.Colson@mtsu.edu

The major in Nutrition and Food Science with a concentration in Food Industry is designed to provide students with a background in all areas of foods, from production to consumption. The courses will provide a background in the scientific and artistic aspects of culinology, food safety, and food systems management.

## Academic Map

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

**Nutrition and Food Science, Food Industry Concentration, B.S., Academic Map**

## Degree Requirements

|                             |                  |
|-----------------------------|------------------|
| General Education           | 41 hours         |
| Major Requirements          | 53 hours         |
| Auxiliary Course            | 4 hours*         |
| Optional Minor              | 15-18 hours      |
| Electives (if minor chosen) | 4-11             |
| <b>TOTAL</b>                | <b>120 hours</b> |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If program requirements are also used to fulfill General Education requirements, the number of elective hours will increase.*

### General Education (41 hours)

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

**The following course required by the program meets General Education requirements:**

- CHEM 1010/CHEM 1011 or CHEM 1110/CHEM 1111 (Nat Sci)

### Major Requirements (53 hours)

#### Nutrition and Food Science (15 hours)

- CDFS 3320 - Family Relations **3 credit hours**
- NFS 2220 - Nutrition for the Health Sciences **3 credit hours**
- NFS 3100 - Cultural Food Studies **3 credit hours**
- NFS 3200 - Food Science **3 credit hours**
- NFS 3201 - Food Science Lab **0 credit hours**
- NFS 3260 - Community Nutrition **3 credit hours**

## **Food Industry Concentration (23 hours)**

- AGBS 4830 - Food Quality Control **3 credit hours**
- HSC 1010 - Career Orientation **1 credit hour**
- HSC 4000 - Senior Seminar **1 credit hour**
- NFS 4100 - Food Service Management for Culinary Arts **3 credit hours**
- NFS 4240 - Experimental Food Study **3 credit hours**
- NFS 4241 - Experimental Food Study Lab **0 credit hours**
- NFS 4260 - Food Safety Issues from Production to Consumption **3 credit hours**
- NFS 4555 - Food Laws and Regulations **3 credit hours**
- NFS 4570 - Fundamentals of Culinary Arts **3 credit hours**
- NFS 4810 - The Food Industry **3 credit hours**

## **Major Electives (15 hours)**

Choose 15 credit hours from the following:

- ACTG 3000 - Survey of Accounting for General Business **3 credit hours**
- AGBS 3810 - Milk Processing and Marketing **3 credit hours**
- AGBS 4200 - Fruit and Vegetable Marketing **3 credit hours**
- AGBS 4820 - Principles of Food Processing **3 credit hours**
- BCED 3510 - Business Communication **3 credit hours**
- ENTR 2900 - Entrepreneurship **3 credit hours**
- FERM 1000 - Introduction to Fermentation Science **3 credit hours**
- FERM 3700 - Consumer Motivation and Sensory Evaluation of Fermented Foods **3 credit hours**
- HSC 4102 - Internship: Nutrition and Food Science **3 or 6 credit hours**
- MGMT 3610 - Principles of Management **3 credit hours**
- MKT 3820 - Principles of Marketing **3 credit hours**
- NFS 4090 - Field Experience in Foods and Nutrition **3 credit hours**

## **Auxiliary Course (4 hours)**

- CHEM 1010 - Introductory General Chemistry I **4 credit hours** AND
- CHEM 1011 - Intro to General Chemistry I Lab **0 credit hours**  
OR
- CHEM 1110 - General Chemistry I **4 credit hours** AND
- CHEM 1111 - General Chemistry I Lab **0 credit hours (may be counted in General Education)**

## **Optional Minor (15-18 hours)**

### **Electives (4-11 hours)**

- Hours will change if minor selected

## Curriculum: Nutrition and Food Science, Food Industry

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**
- Social/Behavioral Sciences **3 credit hours** (SOC 1010 recommended)
- Humanities and/or Fine Arts **3 credit hours**
  
- CHEM 1010 - Introductory General Chemistry I **4 credit hours** AND
- CHEM 1011 - Intro to General Chemistry I Lab **0 credit hours** (Nat Sci)  
OR
- CHEM 1110 - General Chemistry I **4 credit hours** AND
- CHEM 1111 - General Chemistry I Lab **0 credit hours** (Nat Sci)

**Subtotal: 14 Hours**

### Freshman Spring

- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- NFS 2220 - Nutrition for the Health Sciences **3 credit hours**
- Natural Science **4 credit hours** (BIOL 1031/1031 or PSCI 1030/1031 recommended)
- Humanities and/or Fine Arts **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**

**Subtotal: 16 Hours**

### Sophomore Fall

- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- Math (MATH 1010 recommended) **3 credit hours**
- Minor/elective **3 credit hours**
  
- NFS 3200 - Food Science **3 credit hours** AND
- NFS 3201 - Food Science 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: 15 Hours**

## **Sophomore Spring**

- 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 3260 - Community Nutrition **3 credit hours**
- Minor/elective **3 credit hours**
- Major elective **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**

## **Junior Fall**

- CDFS 3320 - Family Relations **3 credit hours**
- NFS 4100 - Food Service Management for Culinary Arts **3 credit hours**
- NFS 4260 - Food Safety Issues from Production to Consumption **3 credit hours**
- NFS 4570 - Fundamentals of Culinary Arts **3 credit hours**
- Major elective **3 credit hours**

**Subtotal: 15 hours**

## **Junior Spring**

- NFS 3100 - Cultural Food Studies **3 credit hours**
- NFS 4555 - Food Laws and Regulations **3 credit hours**
- Major elective **3 credit hours**
- Optional minor/elective **3 credit hours**
  
- NFS 4240 - Experimental Food Study **3 credit hours** AND
- NFS 4241 - Experimental Food Study Lab **0 credit hours**

**Subtotal: 15 Hours**

## **Senior Fall**

- AGBS 4830 - Food Quality Control **3 credit hours**
- HSC 4000 - Senior Seminar **1 credit hour**
- NFS 4810 - The Food Industry **3 credit hours**
- Major elective **3 credit hours**
- Optional minor/elective **3 credit hours**
- Elective **2 credit hours**

**Subtotal: 15 Hours**

## **Senior Spring**

- Optional minor/electives **9 credit hours**
- Major elective **3 credit hours**
- Elective **3 credit hours**

**Subtotal: 15 Hours**



# Nutrition and Food Science, Nutrition and Wellness Concentration, B.S.

## Human Sciences

615-898-2091

Janet Colson, program director

Janet.Colson@mtsu.edu

The major in Nutrition and Food Science with a concentration in Nutrition and Wellness is designed to prepare students for jobs in the areas of nutrition education with county health departments, the UT/TSU Extension Service, or weight loss/wellness programs. Graduates with this concentration will meet the requirements to sit for the Nutrition and Wellness Educator Certification exam administered by the American Association of Family and Consumer Sciences.

## Academic Map

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

**Nutrition and Food Science, Nutrition and Wellness Concentration, B.S., Academic Map**

## Degree Requirements

|                           |                    |
|---------------------------|--------------------|
| <b>General Education</b>  | <b>41 hours</b>    |
| <b>Major Requirements</b> | <b>53 hours</b>    |
| <b>Auxiliary Courses</b>  | <b>11 hours*</b>   |
| <b>Electives</b>          | <b>15-22 hours</b> |
| <b>TOTAL</b>              | <b>120 hours</b>   |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If program requirements are also used to fulfill General Education requirements, the number of elective hours will increase.*

### General Education (41 hours)

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

**The following courses required by the program meet General Education requirements:**

- BIOL 2010/BIOL 2011 (Nat Sci)
- HLTH 1530/HLTH 1531 (Soc/Beh Sci)

### Major Requirements (53 hours)

#### Nutrition and Food Science (15 hours)

- CDFS 3320 - Family Relations **3 credit hours**
- NFS 2220 - Nutrition for the Health Sciences **3 credit hours**
- NFS 3100 - Cultural Food Studies **3 credit hours**
- NFS 3200 - Food Science **3 credit hours**
- NFS 3201 - Food Science Lab **0 credit hours**
- NFS 3260 - Community Nutrition **3 credit hours**

## **Nutrition and Wellness Concentration (23 hours)**

- HLTH 3240 - Foundations of Health Education **3 credit hours**
- HSC 1010 - Career Orientation **1 credit hour**
- HSC 4000 - Senior Seminar **1 credit hour**
- NFS 3280 - Sports Nutrition **3 credit hours**
- NFS 4250 - Life Cycle 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 4500 - Nutrition Education **3 credit hours**
- NFS 4550 - Nutrition and Weight Management **3 credit hours**

## **Major Electives (15 hours)**

- BIOL 2230 - Microbiology **4 credit hours** AND
- BIOL 2231 - Microbiology Lab **0 credit hours**
  
- CHEM 1020 - Introductory General Chemistry II **4 credit hours** AND
- CHEM 1021 - Intro to General Chemistry II Lab **0 credit hours**
  
- CHEM 1120 - General Chemistry II **4 credit hours** AND
- CHEM 1121 - General Chemistry II Lab **0 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**
  
- HLTH 3020 - Terminology in Health and Human Performance **3 credit hours**
- HLTH 3260 - Environmental Health **3 credit hours**
- HLTH 3320 - Assessment in Community and Public Health **3 credit hours**
- HLTH 3350 - Survey of Human Disease **3 credit hours**
- HLTH 4430 - Program Planning in Health Education **3 credit hours**
- HSC 4102 - Internship: Nutrition and Food Science **3 or 6 credit hours**
- MKT 3820 - Principles of Marketing **3 credit hours**
- NFS 4210 - Nutrition in Aging **3 credit hours**
- NFS 4240 - Experimental Food Study **3 credit hours**
- NFS 4241 - Experimental Food Study Lab **0 credit hours**
- NFS 4271 - Advanced Nutrition II **3 credit hours**
- NFS 4570 - Fundamentals of Culinary Arts **3 credit hours**

## **Auxiliary Courses (11 hours)**

- BIOL 2010 - Human Anatomy and Physiology I **4 credit hours** AND
- BIOL 2011 - Human Anatomy and Physiology I Lab **0 credit hours (may be counted in General Education)**

- BIOL 2020 - Human Anatomy and Physiology II **4 credit hours** AND
- BIOL 2021 - Human Anatomy and Physiology II Lab **0 credit hours**
- HLTH 1530 - Health and Wellness **3 credit hours** AND
- HLTH 1531 - Health and Wellness Lab **0 credit hours (may be counted in General Education)**

### **Optional Minor (15 hours)**

### **Electives (0-7)**

- Hours will change if minor not selected

## **Curriculum: Nutrition and Food Science, Nutrition and Wellness**

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**
- Humanities and/or Fine Arts **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)
- HLTH 1530 - Health and Wellness **3 credit hours** (Soc/Beh Sci) AND
- HLTH 1531 - Health and Wellness Lab **0 credit hours** (Soc/Beh Sci)

### **Subtotal: 14 Hours**

### **Freshman Spring**

- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- NFS 2220 - Nutrition for the Health Sciences **3 credit hours**
- Natural Science **4 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- Social/Behavioral Sciences **3 credit hours** (SOC 1010 recommended)

### **Subtotal: 16 Hours**

### **Sophomore Fall**

- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- NFS 3280 - Sports Nutrition **3 credit hours**
- Math **3 credit hours** (MATH 1010 recommended)

- NFS 3200 - Food Science **3 credit hours** AND
- NFS 3201 - Food Science 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: 15 Hours**

### **Sophomore Spring**

- 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 3260 - Community Nutrition **3 credit hours**
- Major elective **3 credit hours**
- Optional minor/elective **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**

### **Junior Fall**

- CDFS 3320 - Family Relations **3 credit hours**
- HLTH 3240 - Foundations of Health Education **3 credit hours**
- NFS 4260 - Food Safety Issues from Production to Consumption **3 credit hours**
- Major elective **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 Spring**

- NFS 3100 - Cultural Food Studies **3 credit hours**
- NFS 4250 - Life Cycle Nutrition **3 credit hours**
- NFS 4550 - Nutrition and Weight Management **3 credit hours**
- Major elective **3 credit hours**
- Optional minor/elective **3 credit hours**

**Subtotal: 15 Hours**

### **Senior Fall**

- HSC 4000 - Senior Seminar **1 credit hour**
- NFS 4270 - Advanced Nutrition I **3 credit hours**
- NFS 4500 - Nutrition Education **3 credit hours**
- Major elective **3 credit hours**
- Optional minor/electives **6 credit hours**

**Subtotal: 16 Hours**

### **Senior Spring**

- Optional minor/electives **10 credit hours**
- Major elective **3 credit hours**

**Subtotal: 13 Hours**

# **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**

## **Apparel Design Option (9 hours)**

- TXMD 3200 - Clothing I **3 credit hours**
- TXMD 3220 - Patternmaking I **3 credit hours**
- TXMD 3300 - Clothing II **3 credit hours**

## **Fashion Merchandising Option (9 hours)**

Choose 9 credit hours from the following:

- TXMD 3150 - Apparel Selection and Evaluation **3 credit hours**
- TXMD 3170 - Fashion Branding **3 credit hours**
- TXMD 4150 - Fashion Buying **3 credit hours**
- TXMD 4170 - Social Aspects of Clothing **3 credit hours**
- TXMD 4220 - Computer-Aided Apparel Design I **3 credit hours**

# Textiles, Merchandising, and Design, Apparel Design Concentration, B.S.

## 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 (2.0) 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 weighted 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 Media and Entertainment study), or Spanish is required.

## Admission and Progression

### Admission into the Professional Course Sequence (Candidacy)

1. Any student formally admitted to the University may pursue the Textiles, Merchandising, and Design (TXMD) curriculum.
2. Applicants are guaranteed admission to the Apparel Design Concentration of the Textiles, Merchandising, and Design Program provided they
  - have a minimum ACT score of 23 (or SAT equivalent);
  - have a cumulative undergraduate college GPA of 3.0; and
  - have completed each of the following courses with a grade of C (2.00) or better:
    - General Education ENGL 1010, ENGL 1020 - 6 credit hours
    - General Education Natural Sciences - 8 credit hours
    - General Education Math - 3 credit hours
    - General Education ART 1030 - 3 credit hours
    - TXMD 1110, TXMD 1170 - 6 credit hours
    - HSC 1010 (Career Orientation)- 1 credit hour
    - Other (from required professional support or general education courses) - 3 credit hours

Depending on space and available resources, additional students may be admitted on a competitive basis. Admission will be based on ACT/SAT score (25% weight) and cumulative undergraduate GPA (75% weight) and completion of all prerequisite courses with grade of C (2.00) or better.

**Note:** *Students with less than a 2.50 cumulative GPA are not eligible for admission to the sequence of professional courses.*

## Professional Course Sequence

1. An application form must be submitted to the Textiles, Merchandising, and Design program during the 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 weighted 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 course (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. Textiles, Merchandising, and Design students are expected to seek advising each semester to ensure that they are following the proper sequence for completion of the prerequisite courses.
14. Further specific details regarding admission and progression are available from the coordinator of the Textiles, Merchandising, and Design program.

## Academic Map

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

### Textiles, Merchandising, and Design, Apparel Design, B.S., Academic Map

## Degree Requirements

|                               |                    |
|-------------------------------|--------------------|
| <b>General Education</b>      | <b>41 hours</b>    |
| <b>Major Requirements</b>     | <b>45 hours</b>    |
| <b>Professional Education</b> | <b>11 hours</b>    |
| <b>Auxiliary Course</b>       | <b>3 hours*</b>    |
| <b>Minor</b>                  | <b>15-18 hours</b> |
| <b>Electives</b>              | <b>2-8 hours</b>   |
| <b>TOTAL</b>                  | <b>120 hours</b>   |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If program requirements are also used to fulfill General Education requirements, the number of elective hours will increase.*



## **General Education (41 hours)**

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

**The following course required by the meet General Education requirements:**

- ART 1030 (Hum/FA)

## **Major Requirements (45 hours)**

- TXMD 1110 - Basic Design **3 credit hours**
- TXMD 1170 - Introduction to the Fashion Industry **3 credit hours**
- TXMD 2110 - Fashion Forecasting **3 credit hours**
  
- TXMD 2180 - Textiles I **3 credit hours** AND
- TXMD 2181 - Textiles I Laboratory **0 credit hours**
  
- TXMD 2200 - History of Fashion **3 credit hours**
- TXMD 4100 - Fashion Promotion **3 credit hours**
- TXMD 4220 - Computer-Aided Apparel Design I **3 credit hours**
- TXMD 3200 - Clothing I **3 credit hours**
- TXMD 3300 - Clothing II **3 credit hours**
- TXMD 3120 - Textiles II **3 credit hours**
- TXMD 3220 - Patternmaking I **3 credit hours**
- TXMD 3320 - Patternmaking II **3 credit hours**
- TXMD 3370 - Fashion Illustration I **3 credit hours**
- TXMD 4320 - Computer Aided Apparel Design II **3 credit hours**
- TXMD 4400 - Fashion Product Development **3 credit hours**

## **Professional Education (11 hours)**

- CDFS 3320 - Family Relations **3 credit hours**
- HSC 1010 - Career Orientation **1 credit hour**
- HSC 4000 - Senior Seminar **1 credit hour**
- HSC 4410 - Consumer Economics **3 credit hours**
- NFS 1240 - Principles of Nutrition **3 credit hours**

## **Auxiliary Course (3 hours)**

- ART 1030 - Art Appreciation **3 credit hours (may be counted in General Education)**

## **Minor (15-18 hours)**

Minor may be selected from any of the following: Art - 18 hours; Entertainment Arts Design - 15 hours; Entrepreneurship - 15 hours; French - 18 hours; Mass Communication (any area of Media and Entertainment study) - 18 hours; or Spanish - 18 hours.

## **Electives (2-8 hours)**

## **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**

- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- TXMD 3200 - Clothing I **3 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- Minor\* **3 credit hours**

**Subtotal: 15 Hours**

### **Sophomore Spring**

- TXMD 3300 - Clothing II **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 3370 - Fashion Illustration I **3 credit hours**
- TXMD 4220 - Computer-Aided Apparel Design I **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**
  
- TXMD 3120 - Textiles II **3 credit hours**
- TXMD 3220 - Patternmaking I **3 credit hours**
- TXMD 4320 - Computer Aided Apparel Design II **3 credit hours**
- Minor\* **3 credit hours**

**Subtotal: 15 Hours**

### **Junior Spring**

- TXMD 3320 - Patternmaking II **3 credit hours**
- Minor\* **6 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- TXMD 2110 - Fashion Forecasting **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**
  
- HSC 4000 - Senior Seminar **1 credit hour**
- NFS 1240 - Principles of Nutrition **3 credit hours**
- CDFS 3320 - Family Relations **3 credit hours**
- Minor\* **3 credit hours**
- Elective **3 credit hours**

**Subtotal: 16 Hours**

## **Senior Spring**

- HSC 4410 - Consumer Economics **3 credit hours**
- TXMD 4100 - Fashion Promotion **3 credit hours**
- TXMD 4400 - Fashion Product Development **3 credit hours**
- Minor/elective\* **3 credit hours**
- Elective **2 credit hours**

**Subtotal: 14 Hours**

# Textiles, Merchandising, and Design, Fashion Merchandising Concentration, B.S.

## 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 (2.0) 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 weighted 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.

## Academic Map

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

**Textiles, Merchandising, and Design, Fashion Merchandising, B.S., Academic Map**

## Admission and Progression

### Admission into the Professional Course Sequence (Candidacy)

1. Any student formally admitted to the University may pursue the Textiles, Merchandising, and Design (TXMD) curriculum.
2. Applicants are guaranteed admission to the Fashion Merchandising Concentration of the Textiles, Merchandising, and Design Program provided they
  - have a minimum ACT score of 23 (or SAT equivalent);
  - have a cumulative undergraduate college GPA of 3.0 or higher; and
  - have completed each of the following courses with a grade of C (2.00) or better:
    - General Education ENGL 1010, ENGL 1020 - 6 credit hours
    - General Education Natural Sciences - 8 credit hours
    - General Education Math - 3 credit hours
    - General Education ART 1030 - 3 credit hours
    - TXMD 1110, TXMD 1170 - 6 credit hours
    - HSC 1010 (Career Orientation) - 1 credit hour
    - Other (from required professional support or general education courses) - 3 credit hours

Depending on space and available resources, additional students may be admitted on a competitive basis. Admission will be based on ACT/SAT score (25% weight) and cumulative undergraduate GPA (75% weight) and completion of all prerequisite courses with grade of C (2.00) or better.

**Note:** *Students with less than a 2.50 cumulative GPA are not eligible for admission to the sequence of professional courses.*

## Professional Course Sequence

1. An application form must be submitted to the Textiles, Merchandising, and Design program during the 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 weighted 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 course (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. Textiles, Merchandising, and Design students are expected to seek advising each semester to ensure that they are following the proper sequence for completion of the prerequisite courses.
14. Further specific details regarding admission and progression are available from the coordinator of the Textiles, Merchandising, and Design program.

## Degree Requirements

|                               |                    |
|-------------------------------|--------------------|
| <b>General Education</b>      | <b>41 hours</b>    |
| <b>Major Requirements</b>     | <b>42 hours</b>    |
| <b>Professional Education</b> | <b>14 hours</b>    |
| <b>Auxiliary Course</b>       | <b>3 hours*</b>    |
| <b>Minor</b>                  | <b>15-18 hours</b> |
| <b>Electives</b>              | <b>2-8 hours</b>   |
| <b>TOTAL</b>                  | <b>120 hours</b>   |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If program requirements are also used to fulfill General Education requirements, the number of elective hours will increase.*

## **General Education (41 hours)**

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

**The following course required by the program meets General Education requirements:**

- ART 1030 or ART 1920 (Hum/FA)

## **Major Requirements (42 hours)**

- TXMD 1110 - Basic Design **3 credit hours**
- TXMD 1170 - Introduction to the Fashion Industry **3 credit hours**
- TXMD 2110 - Fashion Forecasting **3 credit hours**
  
- TXMD 2180 - Textiles I **3 credit hours** AND
- TXMD 2181 - Textiles I Laboratory **0 credit hours**
  
- TXMD 2200 - History of Fashion **3 credit hours**
- TXMD 3170 - Fashion Branding **3 credit hours**
- TXMD 4100 - Fashion Promotion **3 credit hours**
- TXMD 4150 - Fashion Buying **3 credit hours**
- TXMD 4170 - Social Aspects of Clothing **3 credit hours**
- TXMD 4220 - Computer-Aided Apparel Design I **3 credit hours**
- TXMD 4400 - Fashion Product Development **3 credit hours**
  
- TXMD 3150 - Apparel Selection and Evaluation **3 credit hours** OR
- TXMD 3300 - Clothing II **3 credit hours**
  
- **Select 6 credit hours from:**
- TXMD 3120 - Textiles II **3 credit hours**
- TXMD 3200 - Clothing I **3 credit hours**
- TXMD 3220 - Patternmaking I **3 credit hours**
- TXMD 3370 - Fashion Illustration I **3 credit hours**
- TXMD 4320 - Computer Aided Apparel Design II **3 credit hours**
- HSC 4043 - Seminar in Human Sciences: Textiles, Merchandising, and Design **3 credit hours**
- HSC 4053 - Advanced Problems in Human Sciences: Textiles, Merchandising, and Design **3 credit hours**
- HSC 4103 - Internship: Textiles, Merchandising, and Design **6 credit hours**

## **Professional Education (14 hours)**

- CDFS 3320 - Family Relations **3 credit hours**
- HSC 1010 - Career Orientation **1 credit hour**
- HSC 4000 - Senior Seminar **1 credit hour**
- HSC 4410 - Consumer Economics **3 credit hours**
- NFS 1240 - Principles of Nutrition **3 credit hours**
  
- ACTG 3000 - Survey of Accounting for General Business **3 credit hours** OR
- ACTG 2110 - Principles of Accounting I **3 credit hours**

## **Auxiliary Course (3 hours)**

**NOTE: ART 1030 or ART 1920 may be counted in General Education**

- ART 1030 - Art Appreciation **3 credit hours** OR
- ART 1910 - Survey of Non-Western Art **3 credit hours** OR
- ART 1920 - Survey of Western Art I **3 credit hours**

## **Minor (15-18 hours)**

Minor may be selected from any of the following: Business Administration - 18 hours; Entrepreneurship - 15 hours; French - 18 hours; Marketing - 15 hours; Management - 15 hours; Mass Communication - 18 hours; or Spanish - 18 hours.

## **Electives (2-8 hours)**

## **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**
- Mathematics **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**

- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- Social/Behavioral Sciences **3 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- TXMD guided elective **3 credit hours**
  
- 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**
  
- TXMD 2200 - History of Fashion **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
- Minor course **3 credit hours**
- 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**
  
- Minor course **3 credit hours**
- TXMD 3170 - Fashion Branding **3 credit hours**
- TXMD 4220 - Computer-Aided Apparel Design I **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**

- 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 3320 - Family Relations **3 credit hours**
- Minor **3 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**

- TXMD 4170 - Social Aspects of Clothing **3 credit hours**
- HSC 4000 - Senior Seminar **1 credit hour**
- Minor course **3 credit hours**
- TXMD guided elective **3 credit hours**
- Minor course or elective **3 credit hours**
- HSC 4410 - Consumer Economics **3 credit hours**

**Subtotal: 16 Hours**

### **Senior Spring**

- TXMD 4100 - Fashion Promotion **3 credit hours**
- TXMD 4150 - Fashion Buying **3 credit hours**
- TXMD 4400 - Fashion Product Development **3 credit hours**
- Minor course **3 credit hours**
- Elective **3 credit hours**

**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.*

*\*A total of 6 semester hours must be earned and selected from any of the following courses: TXMD 3120, TXMD 3200, TXMD 3220, TXMD 3370, TXMD 4320, HSC 4043, HSC 4053, or HSC 4103.*

## Child Development and Family Studies

### **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 with C or better 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. 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 with C or better 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 with C or better 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 with C or better; Sociology majors - SOC 2600 with C or better 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 with C or better 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. Meets four hours per week.

#### **CDFS 4400 - Children in Healthcare Settings**

**3 credit hours** Prerequisites: CDFS 2350 and CDFS 3310 or PSY 4190 with C or better; CDFS 3320 with C or better or equivalent; permission of department. Offers instruction on child life techniques used to help minimize the potential negative impact of the healthcare environment on children's development.

#### **CDFS 4710 - Family Centered Community Building I**

**3 credit hours** Prerequisite: CDFS 3320 with C or better 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 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 4740 - Advocacy and Public Policy for Individuals and Families Across the Lifespan**

**3 credit hours** Prerequisites: CDFS 2350 , CDFS 3310, CDFS 3320, and CDFS 4340 (all with C or better). Utilizes an ecological perspective focusing on policy and advocacy issues affecting individuals, families, and professionals within the area of child development and family studies. Students gain experience advocating for systemic change impacting individual and families throughout the lifespan.

#### **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 (all 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 with C or better. 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 with C- or better. 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 with C or better and senior 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, CDFS 4710, 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**

**3 or 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 50 hours at the worksite per credit hour plus seminars. May be repeated once for up to 6 credit hours.

**HSC 4103 - Internship: Textiles, Merchandising, and Design**

**6 credit hours** Prerequisites: TXMD candidacy; permission of department, minimum 2.50 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 3300, IDES 3310, IDES 3330, and IDES 3320. 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 1010 - Interior Design Career Orientation**

**1 credit hour** Development, scope, and philosophies of human sciences; career opportunities with analysis of interests, aptitudes, and proficiency related to success in interior design. Lectures, guest speakers, activities, assignments, and tests introduce studies to the university, college, department, and interior design program. Class meets one hour per week.

### **IDES 2100 - Interior Design Elements and Principles**

**3 credit hours** Prerequisites: Sophomore standing; admission to IDES professional course sequence. Must be taken concurrently with IDES 2110. Explores elements and principles of design with emphasis on

the impact on the built environment. Five contact hours per week.

### **IDES 2110 - Interior Design Communications**

**3 credit hours** Prerequisites: Sophomore standing; admission to IDES professional course sequence. Must be taken concurrently with IDES 2100. 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 2120 - History of Interiors I**

**3 credit hours** Prerequisite: Sophomore standing. Historic interiors: survey, analysis, and applications. Emphasis on major design characteristics of interior architectural and furnishing styles to the nineteenth century.

### **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 3100 - Design Process**

#### **3 credit hours**

Prerequisites: IDES 2100 and IDES 2110 with C or better; must be taken concurrently with IDES 3110, IDES 3120, IDES 3130, and IDES 3140. Basic principles, theories, and procedures involved in creative problem solving. Five contact hours per week.

*Formerly IDES 3710*

### **IDES 3110 - Interior Design Computer Applications I**

**3 credit hours** Prerequisite: IDES 2110 with C or better; must be taken concurrently with IDES 3100, IDES 3120, IDES 3130, and IDES 3140. Presentation techniques using computer-aided drafting as applied to the interior design profession. Emphasis on 2-dimensional drawings. Five contact hours per week.

**IDES 3120 - History of Interiors II****3 credit hours**

Prerequisite: Sophomore standing. Must be taken concurrently with IDES 3100, IDES 3110, IDES 3130, and IDES 3140. 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.

*Formerly IDES 4710*

**IDES 3130 - House Design****3 credit hours**

Prerequisites: IDES 2100 and IDES 2110 with C or better; must be taken concurrently with IDES 3100, IDES 3110, IDES 3120, and IDES 3140. 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.

*Formerly IDES 3600*

**IDES 3140 - Interior Materials and Finishes****3 credit hours**

Prerequisites: IDES 2100, IDES 2110, and IDES 3130 with C or better; must be taken concurrently with IDES 3100, IDES 3110, and IDES 3120. Materials and finishes used in the treatment of interior space to be examined in terms of properties, specifications, installation, and manufacturers.

*Formerly IDES 3720*

**IDES 3200 - Interior Perspective Sketching and Rendering****3 credit hours**

Prerequisites: IDES 3130, IDES 3140, and ART 1620 with grade of C or better; must be taken concurrently with IDES 3210 and IDES 3220. 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.

*Formerly IDES 3700*

**IDES 3210 - Interior Design Computer Applications II****3 credit hours**

Prerequisites: IDES 3110 and IDES 3130 with C or better; must be taken concurrently with IDES 3200 and IDES 3220. 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.

*Formerly IDES 3760*

**IDES 3220 - Residential Design I****3 credit hours**

Prerequisites: IDES 3100, IDES 3130, and IDES 3140 with C or better; must be taken concurrently with IDES 3200 and IDES 3210. 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.

*Formerly IDES 3730*

**IDES 3300 - Interior Design Business Practices****3 credit hours**

Prerequisite: IDES 3220 with C or better; must be taken concurrently with IDES 3310, IDES 3320, and IDES 3330. Business practices, ethics, accessibility, building, fire, and life safety codes as applied to the interior design profession.

*Formerly IDES 3740*

**IDES 3310 - Interior Design Computer Applications III****3 credit hours**

Prerequisites: IDES 3200 and IDES 3210 with C or better; must be taken concurrently with IDES 3300, IDES 3320, and IDES 3330. Computer applications used in creating interior design presentations.

Emphasis on rendering and illustration. Five contact hours per week.

*Formerly IDES 3770*

**IDES 3320 - Corporate Design****3 credit hours**

Prerequisite: IDES 3210 with C or better; must be taken concurrently with IDES 3300, IDES 3310, and IDES 3330. 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.

*Formerly IDES 4750*

**IDES 3330 - Lighting Design****3 credit hours**

Prerequisites: IDES 3130 with C or better; must be taken concurrently with IDES 3300, IDES 3310, and IDES 3320. 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 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 4100 - Interior Construction Documents**

**3 credit hours** Prerequisite: IDES 3320 with C or better; must be taken concurrently with IDES 4110 and IDES 4120. Advanced studio experience addressing residential and commercial interior construction techniques, documentation, and project management. Five contact hours per week.

#### **IDES 4110 - Residential Design II**

**3 credit hours** Prerequisites: IDES 3310 with C or better; must be taken concurrently with IDES 4100 and IDES 4120. Advanced studio experiences in residential interiors. Emphasis on designing for special populations, sustainable design, and multicultural influences. Five contact hours per week.

#### **IDES 4120 - Interior Design Portfolio**

**3 credit hours** Prerequisites: IDES 3310 and IDES 3320 with C or better; must be taken concurrently with IDES 4100 and IDES 4110. 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 4200 - Healthcare Design**

**3 credit hours** Prerequisite: IDES 4120 with C or better; must be taken concurrently with IDES 4210. 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 4210 - Hospitality Design**

**3 credit hours** Prerequisites: IDES 4120 with C or better; must be taken concurrently with IDES 4200. Advanced studio experience in contract design.

Emphasis on problem solving, documentation, and presentation of hospitality spaces. Five contact hours per week.

#### **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.

### **Nutrition and Food Science**

#### **NFS 1010 - Career Orientation in Dietetics**

**2 credit hours** Development, scope, and philosophies of human sciences; career opportunities with analysis of interests, aptitudes, and proficiency related to success in dietetics. Lectures, guest speakers, activities, assignments, and quizzes introduce students to the university, college, department, and the dietetics program. Class meets two hours per week.

#### **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 - Cultural Food Studies**

**3 credit hours** Explores the cultural food practices in the U.S. with emphasis on diverse ethnic and religious practices, the development of various foods throughout history, the relationship between cultural food habits and health, and future trends in the food industry including sustainable feeding strategies for the world's growing population.

**NFS 3200 - Food Science**

**3 credit hours** Corequisite: NFS 3201. Basic physical and chemical principles, techniques, skills, sanitation, and economics involved in quality food selection, composition, and preparation. Lecture meets for two hours per week; lab meets for three hours per week. Offered Fall only.

**NFS 3201 - Food Science 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 with C or better. 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 with C or better. 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 3330 - Nutrition for the Nursing Profession**

**3 credit hours** Prerequisite: Acceptance into the MTSU Nursing program. Fundamentals of nutrition and its relationship to the prevention and treatment of disease and special feeding situations for the nursing profession.

**NFS 3400 - Food Safety and Sanitation**

**1 credit hour** Prerequisite: BIOL 2230 and BIOL 2231 with B or better; junior status. 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. Spring only.

**NFS 4010 - Professional Issues in Dietetics**

**2 credit hours** Prerequisite: NFS 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 4020 - Senior Seminar in Dietetics**

**2 credit hours** Prerequisite: NFS 4010 with B or better. Examines human sciences from a global perspective and specifically as it pertains to students majoring in Nutrition and Food Science (NFS) with the Dietetics concentration. Identifies skills for success in developing and managing a career. Topics such as resume writing, interviewing, networking, career-life planning, ethics, mentoring, precepting, healthcare delivery systems, and coding and billing addressed. Class meets two hours per week. Offered Spring 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 with C or better. 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 4240 - Experimental Food Study**

**3 credit hours** Prerequisite: NFS 3200 with grade of B. Corequisite: NFS 4241. 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. Lecture meets two hours per week; lab meets two hours per week. Offered Spring only.

**NFS 4241 - Experimental Food Study Lab**

**0 credit hours** Corequisite: NFS 4240.

**NFS 4250 - Life Cycle Nutrition**

**3 credit hours** Prerequisite: NFS 1240 or NFS 2220 with a C or better. The nutritional needs during pregnancy, infancy, childhood, adolescence and later years with emphasis on the cultural, social, and psychological influences of food choices and dietary patterns.

**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 AGBS 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 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 4285 - Successful Approaches in Dietetics Research**

**3 credit hours** Prerequisites: MATH 1530 and NFS 4271 with a B or better; corequisites: NFS 4010, NFS 4300, and NFS 4320. Provides an overarching glimpse into the world of dietetics research and a foundation in research principles. Concepts of conducting a literature review, developing the

research question and study design, and collection and analysis of the data explored. Covers presenting and conducting ethical research.

**NFS 4300 - Medical Nutrition Therapy I**

**4 credit hours** Prerequisite: NFS 2220, NFS 4271, BIOL 2020/BIOL 2021, and CHEM 3530/CHEM 3531 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 4320 - Food Systems Management**

**4 credit hours** Prerequisites: NFS 3200 with B or better and NFS 3400 with B or better. Emphasis on food systems model, sanitation, menu planning, procurement, quantity food production, distribution and service, flow of food, foodservice equipment, and facility design/layout. Combination of lecture and field placement. Six hours per week. *Offered Fall only.*

**NFS 4322 - Dietetics Management**

**4 credit hours** Prerequisite: NFS 4320 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 4500 - Nutrition Education**

**3 credit hours** Prerequisites: NFS 3260 with C or better, COMM 2200, and ENGL 1020. Introduces theories and skills necessary to design, implement, and evaluation individual and group nutrition education programs.

**NFS 4550 - Nutrition and Weight Management**

**3 credit hours** Prerequisite: NFS 1240 or NFS 2220 with a C or better. Nutrition-related cultural, economic, health, physical, and psychological aspects of obesity and disordered eating patterns in individuals from various ages, cultures, and socioeconomic backgrounds.

**NFS 4555 - Food Laws and Regulations**

**3 credit hours** Prerequisite: Junior standing. Laws and policies regulating the production, manufacture, distribution, and sale of food products in the United States including labeling, food additives, dietary supplements, genetic modification, HACCP, inspections, importation/exportation, and enforcement.

**NFS 4570 - Fundamentals of Culinary Arts**

**3 credit hours** (Same as FCSE 4570.) 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.

**NFS 4810 - The Food Industry**

**3 credit hours** (Same as AGBS 4810.) An overview from production to processing to marketing. Covers the current status of the world's largest employer, including where and how foods are produced, distributed, and marketed and where the industry is heading in the future.

**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 with C or better. 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. Lecture meets two hours per week; lab meets two 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 (all with C or better). 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 with C or better. 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 with C or better. 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 with C or better. 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** Prerequisite: TXMD 3220 with C or better. 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 with C or better. 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 with C or better; 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 with C or better. 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 (all with C or better), 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 with C or better. 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 with C or better. 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 Development****3 credit hours**

Prerequisites: TXMD 3320, TXMD 4220, or HSC 4430 (all with C or better); 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

**Brewer, Browning, Cooper, Creighton, Duncan, J. Finch, M. Finch, Flagg, Hubbard, Kelly, Krabousanos, Lancaster, Lee, Lindsey, Maharaj, McInnis, Meeks, Moore, Morehead, Murphree, Omohundro, Palicka, Plunk, Salmon, Stevens, Vickrey, Ward, Wilson, Young, Zimmerman**

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 baccalaureate degree program in nursing, master's degree program in nursing, and post-graduate APRN certificate program at Middle Tennessee State University 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). An additional course fee is applied to all nursing courses. Additional expenses incurred by nursing students vary (\$150-500 per semester; costs subject to change).

## 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. Requirements and a list of the courses offered for graduate credit are published in the Graduate Catalog.

# Nursing, B.S.N.

## Nursing

615-898-4803

Jenny Sauls, program director

Nursinginfo@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 72 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 3.00 cumulative grade point average and are required to earn no less than a C (2.00) in most prerequisite courses. Pre-nursing students are expected to earn no less than a B (3.00) in all prerequisite Biology courses. Nursing clinicals may be offered in evening, night, or weekend shifts. Nursing students must commit to no less than 40 hours a week of time toward academics.

**Due to the ongoing COVID-19 pandemic and resulting inaccessibility of the HESI Exam, the HESI requirement will be waived for Spring 2021 and Fall 2021 School of Nursing application cycles. The application deadline for these cycles are October 1, 2020 and February 1, 2021, respectively. Grade and GPA requirements are still the same.**

## Admission and Progression in the Pre-nursing Curriculum

1. Any student formally admitted to the University may pursue the pre-nursing curriculum.
2. Pre-nursing students are expected to seek advising from the academic advisor for nursing each semester to ensure the proper sequence for program completion.
3. Pre-nursing students seeking admission have three pathways:
  1. Freshman Admission as a High School Health Science Scholar
  2. Freshman Candidacy
  3. Academic Candidacy
4. Students not admitted as freshman are eligible to apply via Academic Candidacy.

## Admission and Progression in the Upper-division Nursing Curriculum

All freshman admissions to the Nursing major meeting progression requirements will be admitted to upper-division nursing. All other students with a composite score of 7.75 or higher will be admitted. Students with less than 7.75 composite will be admitted pending space availability.

For further information about the composite score, see the BSN Program Admission, Progression, and Retention Policy.

### Freshman High School Health Science Scholars

First-time freshmen who graduate from an approved High School Health Science Program and meet the following criteria are guaranteed admission. Applicants must

1. submit a letter of recommendation for admission to nursing from a high school health science teacher;
2. attain a high school GPA (per the TN Uniform Grading Policy) of 3.50 (GPA calculation used is the same as for the Hope Scholarship); and
3. achieve a minimum ACT score of 23 or SAT equivalent.

### Freshman Candidacy

First-time freshmen who do not meet criteria for admission as High School Health Science Scholars but meet the following criteria are guaranteed admission. Applicants must



1. attain a high school GPA (per the TN Uniform Grading Policy) of 3.50 (GPA calculation used is the same as for the Hope Scholarship);
2. attain a minimum ACT score of 23 or SAT equivalent; and
3. earn a 'B' or better in all high school science courses to include chemistry and biology.

### All Applicants

1. An online application 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 by published application deadlines.
3. At least one biology grade must be posted by application deadline.
4. Applicants must have no grade less than a C (2.00) in any prerequisite and General Education course **with the exception of Human Anatomy and Physiology I, Human Anatomy and Physiology II, and Microbiology in Disease which requires a B (3.00) 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 along with the inclusive (MTSU and transfer) college grade point average will be used to calculate a composite score and to rank candidates for progression to upper division. To be considered for admission to upper-division nursing, a minimum GPA of 3.00 and a minimum Entrance Exam composite score of 75 is required as well as a 75 minimum subscore on each of the following components of the HESI standardized entrance exam: a. Mathematics; b. Biology; c. Chemistry; d. Anatomy and Physiology.
6. 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.
7. 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.
8. 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.
9. Students must attain a minimum grade of B (3.00) in all theory courses as well as a "pass" in each corresponding lab/clinical course.
10. 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,
  - c. fail to make a 'B' or better in all upper-division courses. One repeat is allowed.
  - d. fail two or more courses in the same semester;
  - e. 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.**
  - f. violate the student honor code.
11. If a student fails a nursing course at MTSU, he/she **must** repeat that course at MTSU.
12. Students from other nursing programs will not be admitted.
13. Students are allowed to withdraw from nursing courses one (1) time only.
14. A student may apply to the program a total of two (2) times.
15. The specific details regarding admission and progression are available online in the document BSN Program Admission, Progression, and Retention Policy.

# Academic Map

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

## Degree Requirements

|                           |                      |
|---------------------------|----------------------|
| <b>General Education</b>  | <b>41 hours</b>      |
| <b>Major Requirements</b> | <b>72 hours</b>      |
| <b>Supporting Courses</b> | <b>17 hours*</b>     |
| <b>TOTAL</b>              | <b>120-130 hours</b> |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If courses for this program are also used to fulfill General Education requirements, the program of study may be completed in 120 hours.*

### General Education (41 hours)

**General Education** requirements (shown in curricular listings below) include courses in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences.

**The following courses required by the program meet General Education requirements:**

- BIOL 2010/BIOL 2011 (Nat Sci)
- MATH 1710 or higher level (Math)
- PSY 1410 (Soc/Beh Sci)

### Major Requirements (72 hours)

- NURS 3000 - Professionalism in Nursing **1 credit hour**
- NURS 3010 - Pathophysiology **3 credit hours**
- NURS 3030 - Health Assessment **3 credit hours**
- NURS 3040 - Health Assessment Laboratory **1 credit hour**
- NURS 3041 - Clinical Skills Lab **1 credit hour**
- NURS 3042 - Basic Dosage Calculation **1 credit hour**
- NURS 3170 - Clinical Pharmacology in Nursing **3 credit hours**
- NURS 3350 - Introduction to Nursing Practice **4 credit hours**
- NURS 3360 - Introduction to Nursing Practice-Clinical **3 credit hours**
- NURS 3380 - Caring for Clients with Mental Health Alterations **3 credit hours**
- NURS 3390 - Mental Health Clinical **2 credit hours**
- NURS 3530 - Caring for Adult Clients I **4 credit hours**
- NURS 3540 - Caring for Adult Clients I-Clinical **3 credit hours**
- NURS 3550 - Caring for the Childbearing Family **3 credit hours**
- NURS 3560 - Caring for the Childbearing Family-Clinical **2 credit hours**
- NURS 3580 - Health and Gerontology **3 credit hours**
- NURS 4330 - Caring for Adult Clients II **4 credit hours**
- NURS 4340 - Caring for Adult Clients II-Clinical **3 credit hours**
- NURS 4370 - Caring for the Community as Client **3 credit hours**
- NURS 4380 - Community Clinical **2 credit hours**
- NURS 4390 - Health Care Research **3 credit hours**

- NURS 4570 - Professional Practice and Leadership **3 credit hours**
- NURS 4585 - Caring for Children and Teen Clients **3 credit hours**
- NURS 4586 - Caring for Children and Teen Clients-Clinical **2 credit hours**
- NURS 4590 - Capstone Clinical **6 credit hours**
- Guided elective **3 credit hours**

### **Supporting Courses (17 hours)**

- BIOL 2010 - Human Anatomy and Physiology I **4 credit hours** AND
- BIOL 2011 - Human Anatomy and Physiology I Lab **0 credit hours (may be counted in General Education)**
- BIOL 2020 - Human Anatomy and Physiology II **4 credit hours** AND
- BIOL 2021 - Human Anatomy and Physiology II Lab **0 credit hours**
- BIOL 2100 - Microbiology in Disease **3 credit hours** AND
- BIOL 2101 - Microbiology in Disease Lab **0 credit hours**
- MATH 1710 - College Algebra **3 credit hours (may be counted in General Education)**
- PSY 1410 - General Psychology **3 credit hours (may be counted in General Education)**

## **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 curricular 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 1710 - College Algebra **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**
- Natural Science **4 credit hours**

- BIOL 2020 - Human Anatomy and Physiology II **4 credit hours** AND
- BIOL 2021 - Human Anatomy and Physiology II 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: 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 2100 - Microbiology in Disease **3 credit hours** AND
- BIOL 2101 - Microbiology in Disease 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: 15 Hours**

### **Sophomore Spring**

- NURS 3000 - Professionalism in Nursing **1 credit hour**
- NURS 3010 - Pathophysiology **3 credit hours**
- NURS 3030 - Health Assessment **3 credit hours**
- NURS 3040 - Health Assessment Laboratory **1 credit hour**
- NURS 3041 - Clinical Skills Lab **1 credit hour**
- NURS 3042 - Basic Dosage Calculation **1 credit hour**
- 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 **4 credit hours**
- NURS 3360 - Introduction to Nursing Practice-Clinical **3 credit hours**
- NURS 3380 - Caring for Clients with Mental Health Alterations **3 credit hours**
- NURS 3390 - Mental Health Clinical **2 credit hours**

**Subtotal: 15 Hours**

## **Junior Spring**

- NURS 3530 - Caring for Adult Clients I **4 credit hours**
- NURS 3540 - Caring for Adult Clients I-Clinical **3 credit hours**
- NURS 3550 - Caring for the Childbearing Family **3 credit hours**
- NURS 3560 - Caring for the Childbearing Family-Clinical **2 credit hours**
- NURS 3580 - Health and Gerontology **3 credit hours**

**Subtotal: 15 Hours**

## **Senior Fall**

- NURS 4330 - Caring for Adult Clients II **4 credit hours**
- NURS 4340 - Caring for Adult Clients II-Clinical **3 credit hours**
- NURS 4370 - Caring for the Community as Client **3 credit hours**
- NURS 4380 - Community Clinical **2 credit hours**
- NURS 4390 - Health Care Research **3 credit hours**

**Subtotal: 15 Hours**

## **Senior Spring**

- NURS 4570 - Professional Practice and Leadership **3 credit hours**
- NURS 4585 - Caring for Children and Teen Clients **3 credit hours**
- NURS 4586 - Caring for Children and Teen Clients-Clinical **2 credit hours**
- NURS 4590 - Capstone Clinical **6 credit hours**

**Subtotal: 14 Hours**

## Nursing

### **NURS 3000 - Professionalism in Nursing**

**1 credit hour** Exposes 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 communication with health care professionals introduced. Legal implications for nursing explored.

### **NURS 3010 - Pathophysiology**

**3 credit hours** Prerequisites: BIOL 2010/BIOL 2011, BIOL 2020/BIOL 2021, and BIOL 2100/BIOL 2101. Basic mechanisms of disease processes and their role in disrupting normal physiology. Three hours lecture.

### **NURS 3030 - Health Assessment**

**3 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 3041 - Clinical Skills Lab**

**1 credit hour** Introduces students to basic clinical skills required for the provision of care prior to progression to NURS 3350. Two hour lab each week.

### **NURS 3042 - Basic Dosage Calculation**

**1 credit hour** Previews basic math calculations as they relate to computing doses of medication in all forms. Introduces basic medication administration concepts. Passing a final with 100% accuracy will be required to be successful in the completion of this course and to progress in the nursing program.

### **NURS 3170 - Clinical Pharmacology in Nursing**

**3 credit hours** Prerequisites: General Education Natural Science; BIOL 2100/BIOL 2101, BIOL 2010/BIOL 2011, BIOL 2020/BIOL 2021; NURS 3000, NURS 3010, NURS 3030, NURS 3040, NURS 3041, NURS 3042. Knowledge and responsibility necessary for the assessment and monitoring of clients receiving pharmacotherapeutics. Three hours lecture.

### **NURS 3350 - Introduction to Nursing Practice**

**4 credit hours** Prerequisites: NURS 3000, NURS 3010, NURS 3030, NURS 3040, NURS 3041, and NURS 3042. Corequisite: NURS 3360. Introduces nursing care concepts necessary to support basic care of clients across the lifespan; foundation for subsequent nursing courses. Four hours lecture.

### **NURS 3360 - Introduction to Nursing Practice-Clinical**

**3 credit hours** Prerequisites: NURS 3000, NURS 3010, NURS 3030, NURS 3040, NURS 3041, and NURS 3042. Corequisite: NURS 3350. Nursing practice applied in laboratory and clinical settings. Six hours laboratory per week for duration of course.

### **NURS 3380 - Caring for Clients with Mental Health Alterations**

**3 credit hours** Prerequisites: NURS 3000, NURS 3010, NURS 3030, NURS 3040, NURS 3041, NURS 3042. Corequisite: NURS 3390. Provides students with experience communicating and providing care to a variety of patients experiencing mental health issues. 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 3390 - Mental Health Clinical**

**2 credit hours** Prerequisites: NURS 3000, NURS 3010, NURS 3030, NURS 3040, NURS 3041, NURS 3042. Corequisite: NURS 3380. Provides students with experience communicating and providing care to a variety of patients experiencing mental health issues. Four hours laboratory per week for duration of course.

### **NURS 3530 - Caring for Adult Clients I**

**4 credit hours** Prerequisites: NURS 3170, NURS 3350, NURS 3360, NURS 3380, and NURS 3390.

Corequisite: NURS 3540. Professional nursing care in a variety of settings for the adult client with simple and chronic health problems. Four hours lecture.

**NURS 3540 - Caring for Adult Clients I-Clinical**  
**3 credit hours** Prerequisites: NURS 3170, NURS 3350, NURS 3360, NURS 3380, and NURS 3390. Corequisite: NURS 3530. Applying the nursing process in a clinical setting with the adult client experiencing acute and chronic health deviations. Sixteen 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, NURS 3380, and NURS 3390. 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, NURS 3380, and NURS 3390. 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. Approximately 12 hours clinical/lab per week for seven weeks.

**NURS 3580 - Health and Gerontology**  
**3 credit hours** Prerequisites: NURS 3170, NURS 3350, NURS 3360, NURS 3380, and NURS 3390. 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 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. Pass/Fail.

**NURS 4330 - Caring for Adult Clients II**  
**4 credit hours** Prerequisites: NURS 3530, NURS 3540, NURS 3550, NURS 3560, and NURS 3580. 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. Four hours lecture.

**NURS 4340 - Caring for Adult Clients II-Clinical**  
**3 credit hours** Prerequisites: NURS 3530, NURS 3540, NURS 3550, NURS 3560, and NURS 3580. 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. Approximately 18 hours clinical/lab for four weeks.

**NURS 4370 - Caring for the Community as Client**  
**3 credit hours** Prerequisites: NURS 3530, NURS 3540, NURS 3550, NURS 3560, and NURS 3580. 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 4380 - Community Clinical**  
**2 credit hours** Prerequisites: NURS 3530, NURS 3540, NURS 3550, NURS 3560, and NURS 3580. Corequisite: NURS 4370. Introduces students to clinical competencies and attributes required for the provision of care to clients and families with a community focus. Primary, secondary, and tertiary prevention explored along with the use of local, state, and federal resources. Total of 60-90 hours clinical/lab.

**NURS 4390 - Health Care Research**  
**3 credit hours** Prerequisites: NURS 3530, NURS 3540, NURS 3550, NURS 3560, and NURS 3580. 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 4570 - Professional Practice and Leadership**

**3 credit hours** Prerequisites: NURS 4330, NURS 4340, NURS 4370, NURS 4380, and NURS 4390. 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 4585 - Caring for Children and Teen Clients**

**3 credit hours** Prerequisites: NURS 4330, NURS 4340, NURS 4370, NURS 4380, and NURS 4390. Corequisite: NURS 4586. 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 4586 - Caring for Children and Teen Clients-Clinical**

**2 credit hours** Prerequisites: NURS 4330, NURS 4340, NURS 4370, NURS 4380, and NURS 4390. Corequisite: NURS 4585. Provides assistance in transferring knowledge to the implementation of nursing care of children, adolescents, teens, and their families in a variety of clinical settings. Total of 60 hours clinical/lab in a four-week period.

**NURS 4590 - Capstone Clinical**

**6 credit hours** Prerequisites: NURS 3000, NURS 3010, NURS 3030, NURS 3040, NURS 3041, NURS 3042, NURS 3350, NURS 3360, NURS 3170, NURS 3380, NURS 3390, NURS 3530, NURS 3540, NURS 3550, NURS 3560, NURS 3580, NURS 4330, NURS 4340, NURS 4370, NURS 4380, NURS 4390. 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. 90-180 hours clinical/lab.



# Psychology

## Greg Schmidt, Chair

**Bernstein, Black, Boyer-Pennington, Brinthead, Crooks, Davis, Fernandez, Foster, Frame, Fromuth, Fuller, Galbato, Gordon, Hein, Hinnenkamp, Holt, Jackson, Jin, Jones, Kim, Langston, Littlepage, Loveless, Magne, Marshall, McCarthy, Moffett, Pennington, Rogers, Rust, C. Schmidt, G. Schmidt, S. Schmidt, Schoonover, Tate, Teague, Ujcich-Ward, Van Hein, 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 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

## Psychology

**Advisor: Judy Van Hein**

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 - Compensation System Design and 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.

**Psychology**  
**615-898-5752**

**Judith Van Hein, program coordinator**  
**Judith.VanHein@mtsu.edu**

Industrial/Organizational Psychology deals with a variety of human resources 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 resources departments in businesses and government agencies and (b) provide a background for students wishing to pursue graduate work in psychology, industrial/organizational psychology, or related fields.

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. One minor is required. See advisor for an approved list of 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.*)

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.*

## Academic Map

Following is a printable, suggested four-year schedule of courses:  
**Industrial/Organizational Psychology, B.S., Academic Map**

## Degree Requirements

|                           |                    |
|---------------------------|--------------------|
| <b>General Education</b>  | <b>41 hours</b>    |
| <b>Major Requirements</b> | <b>46 hours*</b>   |
| <b>Supporting Course</b>  | <b>3-4 hours*</b>  |
| <b>Minor</b>              | <b>15-18 hours</b> |
| <b>Electives</b>          | <b>11-21 hours</b> |
| <b>TOTAL</b>              | <b>120 hours</b>   |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If program requirements are also used to fulfill General Education requirements, the number of elective hours will increase.*

## General Education (41 hours)

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

**The following courses required by the program meet General Education requirements:**

- PSY 1410 (Soc/Beh Sci)
- MATH 1530, MATH 1710, MATH 1730 or higher (Math)

## Major Requirements (46 hours)

A grade of C- or above is required in all major core coursework.

- PSY 1410 - General Psychology **3 credit hours (may be counted in General Education)**
- PSY 2210 - Psychology of Social Behavior **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 3320 - Introduction to Industrial and Organizational Psychology **3 credit hours**
- PSY 4260 - Introduction to Psychological Testing **3 credit hours**
- PSY 4270 - Personnel Selection and Placement **3 credit hours**
- PSY 4290 - Compensation System Design and 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**
  
- 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**

**Choose 6 hours from the following:**

- PSY 4070 - Advanced Statistics for the Behavioral Sciences **3 credit hours**
- PSY 4340 - Human Factors Psychology **3 credit hours**
- PSY 4380 - Group Dynamics **3 credit hours**
- PSY 4390 - Persuasion **3 credit hours**
- PSY 4610 - Adult Development and Aging **3 credit hours**
- PSY 4720 - Cross-Cultural Psychology **3 credit hours**
- PSY 4730 - Internship: Industrial/Organizational **3 credit hours**
- PSY 4830 - Occupational Health Psychology **3 credit hours**

## Supporting Course (3-4 hours)

**(may be counted in General Education)**

- MATH 1530 - Applied Statistics **3 credit hours** OR
- MATH 1710 - College Algebra **3 credit hours** OR
- MATH 1730 - Pre-Calculus **4 credit hours** OR
- higher-level math

## **Minor (15-18 hours)**

Recommended minors include Business Administration, Business Law, Leadership Studies, Management, or Information Systems. See advisor for a complete list of approved minors.

## **Electives (11-21 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 - Compensation System Design and 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 - Compensation System Design and 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 **6-9 credit hours**
- General elective courses **15-18 credit hours**

**Subtotal: 30 Hours**

# Life Span Development Minor

## Psychology

**Advisor: Michelle Boyer-Pennington**

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 Development **3 credit hours**
- PSY 4210 - Adolescent Development **3 credit hours**
- PSY 4610 - Adult Development 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 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 - Cross-Cultural Psychology **3 credit hours**

## NOTE:

\*Psychology majors cannot take this course as a minor elective.



## Mental Health Services Minor

### Psychology

**Advisor: Mary Ellen Fromuth**

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.

**NOTE:** *It is recommended that all students (psychology and non-psychology majors) pursuing this minor already have taken PSY 1410; however, PSY 1410 will not count toward the 15 hours required for this minor.*

### 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 Development **3 credit hours**
- PSY 4210 - Adolescent Development **3 credit hours**
- PSY 4600 - Psychosexual Adjustment **3 credit hours**
- PSY 4610 - Adult Development and Aging **3 credit hours**
- PSY 4620 - Psychology of Women **3 credit hours**

### Theory and Application Group (6 hours)

**Choose two courses:**

- PSY 3240 - Abnormal Child Psychology **3 credit hours**
- PSY 3750 - Introduction to Clinical Psychology **3 credit hours**
- PSY 4260 - Introduction to Psychological Testing **3 credit hours**
- PSY 4400 - Introduction to Applied Behavior Analysis **3 credit hours**
- PSY 4460 - Psychology of Happiness and Well-Being **3 credit hours**
- PSY 4470 - Theories of Counseling **3 credit hours**
- PSY 4630 - Death and Dying **3 credit hours**
- PSY 4650 - Health Psychology **3 credit hours**

# Neuroscience Minor

## Psychology

### Cyrille Magne

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 15-hour minor. A minimum of 6 psychology upper-division hours must be taken at MTSU.

## Required Courses (9 hours)

- PSY 2190 - Introduction to Biopsychology **3 credit hours** <sup>1</sup>
- PSY 4240 - Behavioral Neuroscience **3 credit hours**
- PSY 4780 - Human Neuropsychology **3 credit hours** <sup>2</sup>

## Elective Courses (6 hours)

- PSY 3990 - Research in Psychology **1 to 3 credit hours** <sup>3</sup>
- PSY 4030 - Psychology of Sensation and Perception **3 credit hours** <sup>4</sup>
- PSY 4040 - Introduction to Cognitive Psychology **3 credit hours**
- PSY 4050 - Applied Psychopharmacology **3 credit hours**
- PHIL 4550 - Philosophy of Mind **3 credit hours**
  
- PSY 4130 - Laboratory in Psychology **1 credit hour** (Sensation and Perception) OR
- PSY 4140 - Laboratory in Psychology **1 credit hour** (Cognitive) OR
- PSY 4150 - Laboratory in Psychology **1 credit hour** (Behavioral Neuroscience)
  
- BIOL 4560 - Neurobiology **4 credit hours** <sup>5</sup> AND
- BIOL 4561 - Neurobiology Lab **0 credit hours**

## NOTE:

<sup>1</sup>It is recommended that PSY 2190 be taken prior to the other required and elective courses in the Neuroscience minor.

<sup>2</sup>PSY 4240 is a prerequisite for PSY 4780.

<sup>3</sup>Student will need approval from minor advisor for the research topic in PSY 3990.

<sup>4</sup>PSY 4030 cannot be taken as an elective if major is Psychology. PSY 4030 will be required for the major if PSY 4240 is taken for the minor.

<sup>5</sup>BIOL 1110/BIOL 1111 and BIOL 1120/BIOL 1121 are prerequisites for BIOL 4560.

# Psychology Minor

## Psychology

**Advisor: Michelle Boyer-Pennington**

The minor in Psychology requires 15 semester hours to include PSY 1410. A minimum of 6 psychology hours to include 3 hours of upper-division coursework must be taken at MTSU. 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.

Psychology  
615-898-5451

Michelle Boyer-Pennington, program coordinator  
Michelle.Boyer-Pennington@mtsu.edu

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.

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.

## 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.*)

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.*

## Academic Map

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

### Psychology, B.S., Academic Map

## Degree Requirements

|                           |                    |
|---------------------------|--------------------|
| <b>General Education</b>  | <b>41 hours</b>    |
| <b>Major Requirements</b> | <b>38 hours*</b>   |
| <b>Supporting Course</b>  | <b>3-4 hours*</b>  |
| <b>Minor 1</b>            | <b>15-18 hours</b> |
| <b>Minor 2</b>            | <b>15-18 hours</b> |
| <b>Electives</b>          | <b>1-8 hours</b>   |
| <b>TOTAL</b>              | <b>120 hours</b>   |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If program requirements are also used to fulfill General Education requirements, the number of elective hours will increase.*

## **General Education (41 hours)**

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

**The following courses required by the program meet General Education requirements:**

- PSY 1410 (Soc/Beh Sci)
- MATH 1530, MATH 1710, MATH 1730, or higher (Math)

## **Major Requirements (38 hours)**

A grade of C- or above is required for all major core coursework.

- PSY 1410 - General Psychology **3 credit hours (may be counted in General Education)**
- 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**
  
- Upper-division PSY electives **9 credit hours**
- PSY elective **3 credit hours**

## **Supporting Course (3-4 hours)**

**(may be counted in General Education)**

- MATH 1730 - Pre-Calculus **4 credit hours** OR
- MATH 1530 - Applied Statistics **3 credit hours** OR
- MATH 1710 - College Algebra **3 credit hours** OR
- higher-level math

## **Minor 1 (15-18 hours)**

## **Minor 2 (15-18 hours)**

## **Electives (1-8 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 class **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**

# Psychology, Pre-graduate School Concentration, B.S.

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. The following are required for admission to this concentration: (a) a minimum 3.25 overall GPA; (b) a 3.50 GPA for the last 30 hours; (c) a 3.50 major GPA.

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.

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.

**NOTE:** *Students do not have to pursue the Pre-graduate School concentration to attend graduate school.*

## 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.*)

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.*

## Academic Map

Following is a printable, suggested four-year schedule of courses:  
**Psychology, Pre-graduate School, B.S., Academic Map**

## Degree Requirements

|                    |                  |
|--------------------|------------------|
| General Education  | 41 hours         |
| Major Requirements | 41 hours*        |
| Supporting Course  | 3-4 hours*       |
| Minor              | 15-18 hours      |
| Electives          | 16-23 hours      |
| <b>TOTAL</b>       | <b>120 hours</b> |

*\*This program requires courses that can also fulfill requirements of the General Education curriculum. If program requirements are also used to fulfill General Education requirements, the number of elective hours will increase.*



## General Education (41 hours)

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

**The following courses required by the program meet General Education requirement:**

- PSY 1410 (Soc/Beh Sci)
- MATH 1530, MATH 1710, MATH 1730, or higher (Math)

## Major Requirements (41 hours)

A grade of B- or better must be earned in PSY 3020, 3070, and 4070 and a C- or better in all other core courses. PSY 4080 requires a grade of B- or better in PSY 3070 and PSY 4070.

- PSY 1410 - General Psychology **3 credit hours (may be counted in General Education)**
- 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 4070 - Advanced Statistics for the Behavioral Sciences **3 credit hours**
- PSY 4080 - Advanced Research Methods **3 credit hours**
  
- 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**
  
- Upper-division Psychology electives **6 credit hours**
- Psychology elective **3 credit hours**

## Supporting Course (3-4 hours)

**(may be counted in General Education)**

- MATH 1530 - Applied Statistics **3 credit hours** OR
- MATH 1710 - College Algebra **3 credit hours** OR
- MATH 1730 - Pre-Calculus **4 credit hours** OR
- higher-level math

## Minor (15-18 hours)

- Selected from outside the Department of Psychology.

## Electives (16-23 hours)

# Curriculum: Psychology, Pre-graduate School

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** 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**

**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**

## 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 admission to candidacy. Requirements needed for success in jobs or graduate school. Activities may include interest exploration, development of a career timeline, resume, and/or vita, and a final culminating project.

### **PSY 2180 - Thinking: Intelligence and Creativity**

**3 credit hours** Psychological approaches to the scientific study of intelligence, IQ, creativity, and creative genius.

### **PSY 2190 - Introduction to Biopsychology**

**3 credit hours** Introduction to the involvement of the brain in behavior. Topics related to anatomy and physiology of the nervous system, sensory and motor functions, intelligence, sleep and biological rhythms, emotion, and mental illness covered. 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. 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 spectrum disorder, 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** Survey of the applications of psychology to business and industry. Topics will include applied research methods, employee selection, performance appraisal, training, leadership, motivation, work environment, job design, safety, and work stress.

### **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. Introduces assessment, clinical interventions, and specializations.

**PSY 3990 - Research in Psychology**  
**1 to 3 credit hours** Prerequisites: 6 hours of psychology recommended but not required; permission of instructor. 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** Prerequisite: PSY 1410 or permission of instructor. 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 major categories of psychoactive drugs used to treat mental disorders and drugs of abuse including mechanisms of action, therapeutic uses, and legal 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.

**PSY 4070 - Advanced Statistics for the Behavioral Sciences**  
**3 credit hours** Prerequisites: Grade of B- or higher in PSY 3020 or equivalent course. Course topics include multiple regression, factorial ANOVA, repeated measures ANOVA, and categorical data analysis. Designed to prepare students for graduate-level statistics courses often required in master's and doctoral level programs, as well as for employment positions in business and government that require more advanced statistical training.

**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 Development**

**3 credit hours** Prerequisite: PSY 2300 recommended but not required. Intensive research-based overview of child development from conception to adolescence. Includes cognitive, physical, and socioemotional development, as well as the contexts of child development.

**PSY 4210 - Adolescent Development**

**3 credit hours** Prerequisite: PSY 2300 recommended but not required. Overview of cognitive, physical, and socioemotional development during adolescence, as well as the contexts of development.

**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 4260 - Introduction to Psychological Testing**

**3 credit hours** Prerequisite: PSY 3020 or better. 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. Survey of a wide range of personnel selection and placement topics such as job analysis, selection, legal issues, test reliability, test validity, employment interviews, and other variables relating to applicant evaluation, placement, retention, and promotion.

**PSY 4290 - Compensation System Design and Administration**

**3 credit hours** Prerequisite: PSY 3320. The role of compensation in human resources. Topics will include strategic choices, job evaluation, salary market data, incentives and pay for performance. Legal and international issues also considered.

**PSY 4330 - Industrial and Organizational Training and Development**

**3 credit hours** Examines training and development methods for use in organizations. Includes learning,

needs assessment, program development, different training methods, 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** Understanding and application of motivational theories, particularly in the workplace. Work attitude topics include job satisfaction, organizational commitment, and organizational culture; effects on performance; measurement. Integrations with related topics such as conflict resolution.

**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 - Introduction to Applied Behavior Analysis**

**3 credit hours** Introduces applied behavior analysis and the application of behavior change procedures to enact socially significant behavior change. Will include applications of behavior analysis to self-management, family, education, disability, correctional institutions, clinical settings, and industrial organizations.

**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. Introduces theories and research in psychology that examine topics relevant to the nature of happiness and psychological well-being. Topics covered will include happiness, life satisfaction, creativity, wellness, love, self-actualization, wisdom, as well as a number of others-topics recently discussed under the heading of "positive psychology."

**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 4600 - Psychosexual Adjustment**

**3 credit hours** The integration of psychological, social, behavioral, and biological components of the human sexual experience. Examines research, sexual development, attitudes and behaviors, variances and dysfunctions, and strategies for intervention.

**PSY 4610 - Adult Development and Aging**

**3 credit hours** Prerequisite: PSY 1410 and PSY 2300 recommended but not required. A survey of the research on adult development. Examines the physical, intellectual, social, vocational, and personality changes during the adult years.

**PSY 4620 - Psychology of Women**

**3 credit hours** Examines the lives of girls and women in North America, including topics such as gender stereotypes, gender roles, work, relationships, sexuality, physical and mental health, violence against women, and women in later adulthood.

**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. Focuses on the relationship between psychological factors and health and the application of psychological principles to the enhancement of health and prevention and treatment of illness.

**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: Upper-division status; PSY 1410 recommended but not required. A survey of the history of psychology and an intensive study of current systems of psychology.

**PSY 4720 - Cross-Cultural Psychology**

**3 credit hours** Reviews the concept of culture and how this and other demographic factors influence issues in psychology and human experiences including thoughts, emotions, and behaviors.

**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** Prerequisites: PSY 3230 and PSY 4110. 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 4810 - Teams in Organizations**

**3 credit hours** Prerequisite: For students in the Bridgestone program pursuing the Leading Teams certificate. Online course that examines factors contributing to effective work team performance in organizational settings.

**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 and applied psycholinguistics (including language perception, language production, syntax, semantics, discourse comprehension, and language development).

**PSY 4830 - Occupational Health Psychology**

**3 credit hours** Prerequisites: PSY 1410 and PSY 3020 or equivalent statistics course. Focuses on identifying and improving the key health, safety, and well-being issues that employees face.



## **Social Work**

### **Cathy McElderry, Chair**

#### **Darby, Dotson, Fallon, Fontanesi-Seime, Harden, Jones, Postlethwait, Sanborn, Turnage**

The social work profession is dedicated to helping all people develop their strengths, to helping build a more economically, equitable, 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. Guided by an awareness of individuals and their environment, a global perspective, respect for human diversity, and knowledge based on scientific inquiry, social work's purpose is realized through its quest for social and economic justice, the prevention of conditions that limit human rights, the elimination of poverty, and the enhancement of the quality of life for all persons.

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**

### **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.

## Social Work

615-494-8676

Nikki Jones, program coordinator

Nikki.Jones@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.

## 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 or Social Work academic advisor. If the applicant is a recent transfer student, a Social Work professor from another college may be used.
  - c. essay;
  - d. current unofficial University transcript printed from PipelineMT.
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 application materials as determined by the score on the admissions assessment form completed by at least two members of the Social Work Admissions Committee;
  - c. recommendation of the admissions committee must be approved by faculty vote;
  - d. students receiving a score of 85 or higher on the admissions assessment form are assured of acceptance into the major.

## Academic Map

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

**Social Work, B.S.W., Academic Map**

# Degree Requirements

|                           |                  |
|---------------------------|------------------|
| <b>General Education</b>  | <b>41 hours</b>  |
| <b>Major Requirements</b> | <b>54 hours</b>  |
| <b>Electives/Minor</b>    | <b>25 hours</b>  |
| <b>TOTAL</b>              | <b>120 hours</b> |

## General Education (41 hours)

**General Education** requirements (shown in curricular listings below) include courses in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences.

## Major Requirements (54 hours)

Students must earn a C- or better in all of the following courses in order to graduate.

- SW 2570 - Introduction to Social Work **3 credit hours**
- SW 2630 - Interviewing Skills for Social Work Practice **3 credit hours**
- SW 3000 - Social Policy **3 credit hours**
- 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 4480 - Social Work with Groups **3 credit hours**
- SW 4580 - Social Work: Practice I **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**
- Social Work elective **3 credit hours**

## Electives/Minor (25 hours)

## 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**

## 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 2750 - Introduction to Substance Abuse**

**3 credit hours** Prerequisite: SW 2570 recommended but not required. Provides an overview of issues related to substance abuse. Addresses the role of social workers and other helping professionals, models of addiction, treatment and recovery. Introduces evidence-based intervention strategies and the effects of addiction on family systems and communities.

### **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. Must be admitted to Social Work program.

### **SW 3170 - Family Caregiving Across the Life Span**

**3 credit hours** Caregivers--gender roles, cost of caregiving, managing stress, respite care, finding recourses, 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 and AST 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.