

# College of Education

**Lana Seivers, Dean**

**Rick Vanosdall, Associate Dean**

**Jim Rost, Advising Manager, Student Success and Advising Services**

**Bobbi Lussier, Executive Director, Office of Professional Laboratory Experiences**

**June Adams, Graduation Analyst and College Advisor**

**Alicia Abney, Advisor**

**Bryanna Licciardi, Advisor**

The specific objectives of the College of Education are to coordinate the teacher education programs of the University; to prepare teachers and school leaders for the education profession; to provide professional development opportunities and programs for educators who are already in service; and to actively partner with school districts to improve student achievement at all levels.

## Laboratory Schools

The Homer Pittard Campus School is a public school, comprising grades K through 5, which is staffed and operated by Rutherford County Schools. The Campus School is a laboratory unit that serves the professional education programs in teacher education. University students are provided varied, field-based practicum opportunities which merge theory and practice through the study of children and the school program through observations and participation in teaching activities.

The Ann Campbell Early Learning Center (formerly Project Help) is an inclusive early childhood education program that offers full-day early care and education to children ages 12 months to kindergarten and provides play-based learning experiences in a natural engaging environment throughout the year for children with and without developmental delays. The program offers field-based opportunities for observation and hands-on classroom experience for approximately 300 pre-service undergraduate and graduate education majors each year. Students learn how to support the development of all young children by assessing what they already know across the developmental domains and developing a plan to assist growth into their full potential. The Tennessee Department of Education monitors the program for compliance with their child care rules and regulations.

The Child Development Center (CDC) provides part-time care and play-based early learning experiences during the academic year for children ages one year to five years. The center also serves as a teaching laboratory for students enrolled in child development, early childhood education, and other related University programs. Approximately 35 students enroll in the practicum course each semester in their junior year and support the classroom lead teacher through hands-on experiences as the assistant to all classroom activities. The Department of Education monitors this program for compliance with child care rules and regulations. The program holds one of the highest standards for quality through its accreditation by the National Association for the Education of Young Children (NAEYC).

## Accreditation

The College of Education is accredited by the National Council for Accreditation of Teacher Education (NCATE) and is eligible for accreditation by the Council for the Accreditation of Educator Preparation (CAEP). The college holds membership in the Tennessee Association of Colleges for Teacher Education and the American Association of Colleges for Teacher Education. The Professional Counseling Program is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).

## Admission to Teacher Education

Students who wish to prepare themselves for careers as teachers must make formal application for admission to the teacher education program. Applications must be submitted no later than the second semester of the sophomore year. Students who transfer to Middle Tennessee State University after the completion of their sophomore years, or with more than 45 semester hours of credit, must make application during their first semester of residence at MTSU. Admission to teacher education is a prerequisite to enrollment in the following upper-division education courses: Elementary Education (ELED), Early Childhood Education (ECE), Middle Level Education (MLED), Reading (READ), Special Education (SPED) (with the exception of SPED 3010) or Youth Education (YOED).

To be formally admitted to the teacher education program, candidates must

1. complete the admission application;
2. have required scores on the ACT, SAT, or the Praxis Core Academic Skills for Educators Tests as set by the Tennessee State Board of Education and MTSU;
3. complete at least 45 semester hours;
4. have an overall grade point average of 2.75; (Grades earned in basic, learning support, and university studies courses are not used in computation of the required average.) Post-baccalaureate candidates may be admitted with a 3.0 GPA in their most recent completed 60 hours.
5. have three favorable professional interviews;
6. have disciplinary clearance from MTSU Office of Judicial Affairs and Mediation Services;
7. complete a background/fingerprinting check.

Application forms for Admission to Teacher Education are located at [www.mtsu.edu/education/admission.php](http://www.mtsu.edu/education/admission.php).

## Post-baccalaureate Teacher Program

The post-baccalaureate teacher education program is designed for individuals who have completed baccalaureate degrees but who did not complete teacher preparation programs leading to a teaching license. The College of Education requires candidates to address any course and program deficiencies in their undergraduate education to ensure the attainment of the knowledge and skills required in general education, professional education, and the major for the teaching field. Additional coursework and program requirements will be determined by the appropriate academic department faculty. Transcript analysis forms for the post-baccalaureate program are available at [www.mtsu.edu/education/licensure.php](http://www.mtsu.edu/education/licensure.php).

Post-baccalaureate students must also make formal application for admission to the teacher education program. Admission to teacher education is a prerequisite to enrollment in the following upper-division education courses: Elementary Education (ELED), Early Childhood Education (ECE), Reading (READ), Special Education (SPED) (with the exception of SPED 3010), School Personnel Services (SPSE), or Youth Education (YOED).

## Residency Year

Residency Year is the culminating experience of the professional education program in which teacher candidates undertake two consecutive semesters of an increasing amount of time in school settings, Residency I followed by Residency II. During Residency I, teacher candidates will be in schools for approximately two full days per week while taking additional coursework/seminars on the other days. Residency II is a full-time, entire semester experience. Candidates will be in school settings all day, five days a week.

Admission to Residency I and II is based upon successful completion of a formal application by the candidate and requirements established by individual programs. Applications must be submitted at the beginning of the semester prior to beginning Residency I and II. Candidates should confirm deadlines with the Office of Professional Laboratory Experiences. To enroll in Residency Year, candidate must

1. complete the admission application;
2. have completed formal admission to the teacher education program at the time the application is filed;
3. have an overall grade point average of 2.75 and a 2.50 grade point average in the teaching major (grades earned in learning support or university studies courses are not used in computation of the required average). Computation of the grade point average in the teaching major will include all coursework taken in the departments contributing to the major; this includes all coursework, if any, taken beyond required and elective courses in the teaching major);
4. complete all education courses and appropriate methods courses with the minimum grade established by the candidate's program;

5. be classified as a senior, graduate student, or post-baccalaureate student;
6. be favorably evaluated in the required field and clinical experiences (course grades alone may not be used to meet this requirement);
7. submit a negative tuberculin test.

## Licensure of Teachers

Completion of an approved program and recommendation by the University are required for a Tennessee Practitioner License. Information on the licensure application will be provided for teacher candidates during Residency II.

Information is also available at [www.mtsu.edu/education/licensure.php](http://www.mtsu.edu/education/licensure.php). Please note that licensure requirements are subject to change based upon your state policy changes.

All applicants for a teacher's license shall furnish teacher licensing analysts with all required Praxis II or National Evaluation Services (NES) exam scores. When students make application to take the Praxis II Exams, they should indicate on the application form that their test scores be sent to MTSU Code R1466 and the Tennessee Department of Education Code R8190.

Information regarding minimum scores and applicable Praxis II exams is available at [www.ets.org/praxis/tn/requirements](http://www.ets.org/praxis/tn/requirements).

To be recommended for a license, students who have majors in Elementary Education, Middle Level Education 6-8, Early Childhood Education, Special Education, and/or Secondary Education must have at least a 2.75 overall grade point average and a grade point average of 2.50 in the teaching major. Included in the computation are grades assigned in all courses attempted in departments contributing to the teaching major. This includes all coursework, if any, taken beyond the required elective courses in the teaching major. Grades earned in learning support or university studies courses are not used in computing the average required.

### Early Childhood Education: Pre-Kindergarten through Grade 3

Requirements for the major in Early Childhood Education must be completed. Consult Department of Elementary and Special Education for requirements.

### Elementary Endorsement, Grades K-5

Requirements for the major in Elementary Education must be completed. Consult the Department of Elementary and Special Education for requirements.

### Middle Level Endorsement, Grades 6-8

Requirements for the major in Middle Level Education must be completed. Consult the Department of Elementary and Special Education for requirements.

### Special Education Endorsement, Comprehensive, Grades K-12, Interventionist Endorsement, K-8, 6-12

Requirements for the major in Special Education must be completed. Consult the Department of Elementary and Special Education for requirements.

## Teacher Education Programs

Following is a list of the teacher education programs leading to initial licensure in secondary education. Since licensure programs change from time to time, access the most current list of licensure areas at [www.tn.gov/education/licensing.html](http://www.tn.gov/education/licensing.html).

<b>MTSU Major or Concentration</b>	<b>State Endorsement Area</b>	<b>Dept./School to Consult for Information</b>
Agribusiness	Agricultural Education	Agriculture
Animal Science	Agricultural Education	Agriculture
Art Education	Visual Arts	Art and Design
Business Education	Business/Business Technology	Marketing
	Marketing	Marketing
Biology	Biology	Biology
Chemistry	Chemistry	Chemistry
English	English	English
Family and Consumer Sciences	Family and Consumer Sciences	Human Sciences
French	French	World Languages, Literatures, and Cultures
Global Studies and Human Geography	Geography	Global Studies and Human Geography
Geoscience	Earth Science	Geosciences
German	German	World Languages, Literatures, and Cultures
History	History	History
Mathematics	Mathematics	Mathematical Sciences
Music (Instrumental)	Instrumental Music	Music
Music (Vocal)	Vocal/General Music	Music
Physical Education	Physical Education	Health and Human Performance
Physics	Physics	Physics and Astronomy
Plant and Soil Science	Agricultural Education	Agriculture
Political Science	Government	Political Science and International Relations
Science	Biology	Biology
	Chemistry	Chemistry
	Physics	Physics and Astronomy
Social Work	School Social Worker	Social Work
Spanish	Spanish	World Languages, Literatures, and Cultures
Speech/Language Pathology and Audiology	Speech/Language Teacher	Health and Human Performance
Theatre	Theatre	Theatre and Dance

## **Educational Leadership (Womack)**

### **James Huffman, Chair**

**Butler, Carter, Caukin, Clark, Craig, Dillard, Evert, Goodin, Hebert, Hover, Jones, Krahenbuhl, Lambert, Lee, Luck, Milligan, Peyton, Quarto, Snead, Stevens, True, Vanosdall, Wilson, Young**

Courses in the Womack Educational Leadership Department are designed to meet the professional needs of students planning to teach. Persons preparing to teach in the secondary school must earn a major in an endorsable teaching field, complete appropriate General Education requirements, and minor in Secondary Education.

The Secondary Education minor is offered through this department. The department also offers the Secondary Education Minor-MTeach, a minor for students preparing to teach mathematics and science in the K-12 secondary schools.

### **Graduate Study**

Requirements for the Master's and Specialist in Education degrees and a list of the courses offered for graduate credit are published in the Graduate Catalog.

## Secondary Education Minor

- YOED 2500 - Planning and Assessment **3 credit hours**
- YOED 3000 - Classroom Management **3 credit hours**
- YOED 3300 - Problem-Based Instructional Strategies **3 credit hours**
  
- YOED 4020 - Residency I: Grades K-12 **6 credit hours** (licensure) OR
- YOED 4030 - Residency I: Grades 7-12 **9 credit hours** (licensure)
  
- YOED 4400 - Residency II **12 credit hours**

## Secondary Education Minor–MTeach

The Secondary Education Minor–MTeach is for students preparing to teach mathematics and science in the K-12 secondary schools.

- MSE 1010 - Step 1: Inquiry Approaches to Teaching **1 credit hour**
- MSE 2010 - Step 2: Inquiry Lesson Design **1 credit hour**
- YOED 3520 - Knowing and Learning in Science and Mathematics **3 credit hours**
- YOED 3550 - Classroom Interactions in Mathematics and Science **3 credit hours**
- YOED 4040 - Residency I: MTeach **4 credit hours**
- YOED 4050 - Project-Based Instruction in Mathematics and Science **3 credit hours**
- YOED 4400 - Residency II **12 credit hours**
- MATH 4540 - Topics in Secondary School Mathematics **3 credit hours** \*
- PHIL 3120 - Perspectives on Science and Math **3 credit hours**

The following research courses are available:

- BIOL 4740 - Research Methods **3 credit hours** OR
- CHEM 4740 - Research Methods **3 credit hours** OR
- PHYS 4740 - Research Methods **3 credit hours**

### NOTE:

*\*Secondary Mathematics Education students only*

## Foundations of Education

### **FOED 1110 - Education as a Profession**

**3 credit hours** History and organization of American education from its foundation to the present. Includes issues concerning curriculum, organization, and administration of public education in the United States. Designed to assist prospective teachers in evaluating personal qualification in relation to professional needs and investigating teaching as a career.

### **FOED 2110 - Educational Psychology**

**3 credit hours** Physical, social, emotional, and mental development of the human from birth to maturity. Includes basic theories of learning including behaviorism, constructivism, and humanism along with theories of motivating and facilitating learning processes in social settings. A 10-hour tutorial assignment in a public school necessary.

## Library Science

### **LIBS 4150 - Books, Media, and Literacy for Children**

**3 credit hours** Materials suitable for PreK-8 children including a study of reading skills, recreational reading, non-fiction, criteria for evaluating, selecting, and integrating Common Core and other national standards into classroom uses.

### **LIBS 4160 - Books, Media, and Literacy for Young People and Adults**

**3 credit hours** Materials suitable for young adults and adults, criteria for selection and evaluation of materials, and their use in a classroom setting.

## School Personnel Service Education

### **SPSE 3220 - Technology in Teaching**

**3 credit hours** Prerequisite: Admission to Teacher Education program. Enables teachers to use technology to deliver curriculum, prepare course materials, and keep student records. Key concepts and skills include preparation of lesson plans and unit plans; development of an e-portfolio and Web page; and the integration of

technology to teaching, learning, and assessment.

### **SPSE 4260 - Problems in Education**

**1 to 3 credit hours** An opportunity for individuals or groups to work on problems related to their needs. Topic and credit to be determined at the time of scheduling. Maximum of six semester hours credit may be applied toward a degree.

## Youth Education

### **YOED 2500 - Planning and Assessment**

**3 credit hours** Prerequisites: Completion of 45 semester hours and admission to Teacher Education. Offers preparation for planning instruction, assessing student learning, and understanding how classroom assessment and standardized testing should impact instruction. Introduces education policy, professionalism, and theory which informs students as they enter and practice the profession. Field experience required.

### **YOED 3000 - Classroom Management**

**3 credit hours** Prerequisites: YOED 2500 with grade of B- or better and admission to Teacher Education. Introduces a variety of classroom management strategies and techniques that will foster a positive learning environment in the classrooms. Provides an overview of behavior management models, theories, and research as a foundation for classroom practice. Facilitates, through the use of field experiences, the analysis of school-wide policies/procedures and insight on real life classroom management expectations of the first-year teacher.

### **YOED 3300 - Problem-Based Instructional Strategies**

**3 credit hours** Prerequisites: YOED 2500 with grade of B- or better and admission to Teacher Education. Offers preparation for students to develop and present instructional strategies that frame curriculum content in problem-solving contexts. Field experience in a public school setting required.

### **YOED 3500 - Instructional Design for Critical Thinking**

**3 credit hours** Prerequisite: Admission to Teacher Education program. Focuses on practical application, including some practice of

multiple teaching strategies designed to foster critical thinking skills. Students will teach mini-lessons and engage in micro-teaching episodes. Teaching assignment in a public school required.

**YOED 3520 - Knowing and Learning in Science and Mathematics**

**3 credit hours** Prerequisites: MSE 1010 and MSE 2010. Focuses on issues of what it means to learn and know science and mathematics. Included are topics related to standards of knowing and understanding powerful ideas in mathematics and science, links between knowing and developing in learning theory, and the content and evolution of scientific ideas. Students required to conduct interviews with public school practitioners.

**YOED 3550 - Classroom Interactions in Mathematics and Science**

**3 credit hours** Prerequisite: YOED 3520. Continues the process of preparing candidates to teach mathematics and science in upper elementary and secondary settings and to learn how content and pedagogy combine to make effective teaching. Focuses on building awareness and understanding of equity issues and their effects on learning.

**YOED 4000 - Managing the Classroom for Instruction**

**3 credit hours** Course will be taken in conjunction with YOED 4110/5110. Introduction, examination, and practice in multiple models and approaches to classroom management and discipline. Analysis and interpretation of related research. Application of principles and procedures in classroom management to school and classroom settings. Field experience in a public school required.

**YOED 4020 - Residency I: Grades K-12**  
**6 credit hours**

Prerequisites: Admission to Teacher Education program; successful completion of YOED 2500, YOED 3000, YOED 3300 with a grade of B or better; overall grade point average maintained at a minimum of 2.75; grade point average in the major at a minimum of 2.50; and senior standing. A school-based clinical experience in a problem-based learning format in art, drama, music, or physical education.

**NOTE: All students must obtain a grade of B or better in this course to move forward to Residency II.**

**YOED 4030 - Residency I: Grades 7-12**  
**9 credit hours**

Prerequisites: Admission to teacher education program; successful completion of YOED 2500, YOED 3000, YOED 3300 with a grade of B or better; overall grade point average maintained at a minimum of 2.75; grade point average in the major at a minimum of 2.5; and senior standing. A school-based clinical experience in a problem-based learning format.

**NOTE: All students must obtain a grade of B or better in this course to move forward to Residency II.**

**YOED 4040 - Residency I: MTeach**  
**4 credit hours**

Prerequisites: Admission to teacher education program; successful completion of YOED 3520 and YOED 3550; overall grade point average maintained at a minimum of 2.75; grade point average in the major at a minimum of 2.5; and senior standing. A school-based clinical experience in a problem-based learning format in biology, chemistry, mathematics, or physics education.

**NOTE: All students must obtain a grade of B or better in this course to move forward to Residency II.**

**YOED 4050 - Project-Based Instruction in Mathematics and Science**

**3 credit hours** Prerequisites: Admission to the MTeach Program (Mathematics and Science majors only). Readings, discussions, and activities associated with the planning and instruction of inquiry-based STEM lessons. Field-based teaching, including out-of-school research and instructional settings.

**YOED 4110 - Directed Teaching, Grades 7-12**  
**9 or 12 credit hours** Prerequisites: All required professional education courses; appropriate special methods course(s); senior standing, minimum grade point average of 2.50 overall and in the teaching major; admission to teacher education. A full-day, full-semester supervised teaching experience in a public school classroom. Pass/Fail.



**YOED 4400 - Residency II**

**12 credit hours** Prerequisites: Admission to Teacher Education program; successful completion (with grade of B or better) of YOED 2500, YOED 3000, YOED 3300, YOED 4020, YOED 4030, or YOED 4040; passing score(s) on the specialty area exam(s) of Praxis II; overall grade point average maintained at a minimum of 2.75; grade point average in the major at a minimum of 2.50; and senior standing.

A full-day, full-semester supervised teaching experience in a public school classroom. Pass/Fail grading.

**YOED 4510 - The Teaching Internship, Grades 7-12**

**9 credit hours** Supervised teaching. Applicants must meet all prerequisites for directed teaching.

# Elementary and Special Education

## Robyn Ridgley, Chair

**Barksdale, Black, Boulware, Elleman, Fields, Harmon, Hitchcock, Hooser, Huddleston, Khan, Kramer-Ertel, Lee, Lim, Mangione, Oslund, Pence, Schrod, Winters**

Courses in the Department of Elementary and Special Education are designed to meet the professional needs of students preparing to teach and to improve the teaching competencies of those presently employed as teachers.

The department offers Bachelor of Science degrees for students seeking initial teacher licensure in early childhood, elementary, middle school, and special education. Students may choose from the following majors: Early Childhood Education (Prek-3); Elementary Education; Interdisciplinary Studies (6-8 English), (6-8 Math), (6-8 Science), or (6-8 Social Studies); and Special Education (6-12 General Interventionist, 6-12 Literacy Interventionist, 6-12 Math Interventionist, or K-8 Interventionist) or Comprehensive K-12.

## 2+2 Program

Through partnership with Tennessee Board of Regents Community Colleges, the Elementary Education program is offered at off site campuses, including Columbia State Community College and Motlow State Community College. See 2+2 for more information.

## Admission to Teacher Education

All students enrolled in initial teacher licensure programs must be admitted to teacher education. The requirements for admission include

- completion of at least 45 semester hours;
- an inclusive grade point average of 2.75 or higher (grades earned in basic and developmental courses are not used in computation of the required average). For graduate and post baccalaureate students, the GPA requirement is 2.75 inclusive from a completed baccalaureate or post-baccalaureate degree program or a 3.00 GPA in the most recent sixty (60) hours earned at a regionally accredited IHE.
- earning a B- or better in EESE 1010 and EESE 1011 (or approved substitutions);
- undergoing a total three (3) favorable faculty interviews: one with a faculty member in professional education at MTSU, one with a faculty member teaching courses in the major or in general education at MTSU, and one with a classroom teacher/practitioner (PreK-12) in a public school;
- completion of fingerprinting and background check with TBI;
- disciplinary clearance from the College of Education.

## Minor

A minor in Special Education is also available. Students should note that the minor coursework does not fulfill teacher licensure requirements.

## Graduate Study

The department offers at the graduate level the Master of Education degree with majors in Curriculum and Instruction (concentration in Elementary School Education), Literacy, and Special Education (concentrations in Mildly/Moderately Disabled, and Severely/Profoundly Disabled). Graduate minors are available in Curriculum and Instruction, and Special Education. Details may be found in the Graduate Catalog.

# Early Childhood Education, B.S.

Elementary and Special Education

615-898-2680

Jane Lim, program coordinator

Jane.Lim@mtsu.edu

The curriculum for the major in Early Childhood Education offers preparation for teachers in the area of early childhood education and to meet the Tennessee requirements for licensure to teach pre-kindergarten, kindergarten, and first through third grades. Emphasis is placed on the development of the young child within the context of the family and on integrating developmentally appropriate practice within educational settings.\*

\*NOTE: A grade of C- or higher is required for all ECE courses.

## Academic Map

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

### Early Childhood Education, B.S., Academic Map

## Degree Requirements

<b>General Education</b>	<b>41 hours</b>
<b>Major Requirements</b>	<b>52 hours</b>
<b>Professional Education</b>	<b>31 hours</b>
<b>Auxiliary Courses</b>	<b>23 hours</b>
<b>TOTAL</b>	<b>124-147 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 124 hours.

### 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:**

- BIOL 1030/BIOL 1031 (Nat Sci)
- ASTR 1030/ASTR 1031, CHEM 1030/CHEM 1031, GEOL 1030/GEOL 1031, or PSCI 1030/PSCI 1031 (Nat Sci)
- GEOG 2000 (Soc/Beh Sci)
- AAS 2100, ANTH 2010, PS 1005, or PS 1010 (Soc/Beh Sci)
- MATH 1010 (Math)
- ART 1030 or DANC 1000 or MUS 1030 or PHIL 1030 or THEA 1030 (Hum/FA) (6 credit hours)

### Major Requirements (52 hours)

#### Content Requirements (25 hours)

- BIOL 3000 - Life Science for Elementary Teachers **4 credit hours**
- CDIS 3250 - Speech and Language Development for the Educator **3 credit hours**
- CDFS 3320 - Family Relations **3 credit hours**
- ECE 3310 - Human Development (Birth to 8) **3 credit hours**
- ECE 4370 - Effective Instruction (Birth-8) **3 credit hours**
- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**

- MATH 1420 - Informal Geometry **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**

### **Music/Art/Physical Education/Health (9 hours)**

Choose 9 hours from the following:

- ART 3200 - Art Education for Teachers **3 credit hours**
- MUED 4670 - Music for the Young Child **3 credit hours**
- NFS 4251 - Nutrition for the Young Child **3 credit hours**
- PHED 3500 - Physical Education for Early Childhood **3 credit hours**

### **After Admission to Teacher Education Program (18 hours)**

- ELED 3150 - Mathematics Methodology **3 credit hours**
- ELED 3300 - Digital Applications for Teaching and Learning **3 credit hours**
- ECE 4360 - Administering Early Childhood Programs **3 credit hours**
- ECE 4375 - Literacy in Early Childhood **3 credit hours**
- ECE 4376 - Literacy in Early Childhood Lab **0 hours credit**
- ECE 4377 - Literacy in Early Childhood II **3 credit hours**
- ECE 4320 - Assessing Young Children **3 credit hours**

### **Professional Education (31 hours)**

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- ECE 4300 - Preschool Practicum **3 credit hours**
- ECE 4301 - Preschool Practicum Lab **0 credit hours**
- ECE 4380 - Infant and Toddler Practicum **3 credit hours**
- ECE 4381 - Infant and Toddler Practicum Lab **0 credit hours**
- ECE 4100 - Residency I: Early Childhood Education **9 credit hours**
- ECE 4110 - Residency II: Grades Prek-3 **12 credit hours**

### **Auxiliary Courses (23 hours)**

The following fulfill licensure requirements and may also count in General Education:

- GEOG 2000 - Introduction to Regional Geography **3 credit hours**
- MATH 1010 - Mathematics for General Studies **3 credit hours**
- BIOL 1030 - Exploring Life **4 credit hours** AND
- BIOL 1031 - Exploring Life Lab **0 credit hours**

#### **Choose one lecture/lab:**

- ASTR 1030 - Exploring the Universe **3 credit hours** AND
- ASTR 1031 - Observing the Universe **1 credit hour**
- CHEM 1030 - Chemistry for Consumers **4 credit hours** AND
- CHEM 1031 - Chemistry for Consumers Lab **0 credit hours**
- GEOL 1030 - Introduction to Earth Science **3 credit hours** AND
- GEOL 1031 - Introduction to Earth Science Lab **1 credit hour**
- PSCI 1030 - Topics in Physical Science **4 credit hours** AND
- PSCI 1031 - Topics in Physical Science Lab **0 credit hours**

**Choose one:**

- AAS 2100 - Introduction to African American Studies **3 credit hours** OR
- ANTH 2010 - Cultural Anthropology **3 credit hours** OR
- PS 1005 - Introduction to American Politics **3 credit hours** OR
- PS 1010 - Introduction to Global Politics **3 credit hours**

**Choose two:**

- ART 1030 - Art Appreciation **3 credit hours** OR
- DANC 1000 - Introduction to Dance **3 credit hours** OR
- MUS 1030 - Introduction to Music **3 credit hours** OR
- PHIL 1030 - Introduction to Philosophy **3 credit hours** OR
- THEA 1030 - Introduction to Theatre **3 credit hours**

## **Curriculum: Early Childhood 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)
  
- 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**
  
- MATH 1010 - Mathematics for General Studies **3 credit hours** (Math)
- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- ECE 3310 - Human Development (Birth to 8) **3 credit hours**
- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- Humanities and/or Fine Arts **6 credit hours**  
(ART 1030, MUS 1030, DANC 1000, PHIL 1030, or THEA 1030 recommended)
  
- BIOL 1030 - Exploring Life **4 credit hours** (Nat Sci) AND
- BIOL 1031 - Exploring Life Lab **0 credit hours** (Nat Sci)

**Subtotal: 33 Hours**

## **Sophomore**

- CDIS 3250 - Speech and Language Development for the Educator **3 credit hours**
- ECE 4370 - Effective Instruction (Birth-8) **3 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- MATH 1420 - Informal Geometry **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
- GEOG 2000 - Introduction to Regional Geography **3 credit hours** (Soc/Beh Sci)
  
- ART 3200 - Art Education for Teachers **3 credit hours** OR
- MUED 4670 - Music for the Young Child **3 credit hours** OR
- NFS 4251 - Nutrition for the Young Child **3 credit hours** OR
- PHED 3500 - Physical Education for Early Childhood **3 credit hours**
  
- CHEM 1030 - Chemistry for Consumers **4 credit hours** AND
- CHEM 1031 - Chemistry for Consumers Lab **0 credit hours**  
OR
- GEOL 1030 - Introduction to Earth Science **3 credit hours** AND
- GEOL 1031 - Introduction to Earth Science Lab **1 credit hour**  
OR
- PSCI 1030 - Topics in Physical Science **4 credit hours** AND
- PSCI 1031 - Topics in Physical Science Lab **0 credit hours**  
OR
- ASTR 1030 - Exploring the Universe **3 credit hours** (3 credit hours required) (Nat Sci) AND
- ASTR 1031 - Observing the Universe **1 credit hour** (Nat Sci)
  
- ANTH 2010 - Cultural Anthropology **3 credit hours** (Soc/Beh Sci) OR
- PS 1005 - Introduction to American Politics **3 credit hours** (Soc/Beh Sci) OR
- PS 1010 - Introduction to Global Politics **3 credit hours** (Soc/Beh Sci) OR
- AAS 2100 - Introduction to African American Studies **3 credit hours** (Soc/Beh Sci)
  
- 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)
  
- 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**

- BIOL 3000 - Life Science for Elementary Teachers **4 credit hours**
- ECE 4320 - Assessing Young Children **3 credit hours**
- ELED 3150 - Mathematics Methodology **3 credit hours**
- ECE 4377 - Literacy in Early Childhood II **3 credit hours**
- CDFS 3320 - Family Relations **3 credit hours**
  
- ECE 4300 - Preschool Practicum **3 credit hours** AND

- ECE 4301 - Preschool Practicum Lab **0 credit hours**
- ECE 4380 - Infant and Toddler Practicum **3 credit hours** AND
- ECE 4381 - Infant and Toddler Practicum Lab **0 credit hours**
- ECE 4375 - Literacy in Early Childhood **3 credit hours** AND
- ECE 4376 - Literacy in Early Childhood Lab **0 hours credit**
- 6 hours chosen from:**
- ART 3200 - Art Education for Teachers **3 credit hours**
- NFS 4251 - Nutrition for the Young Child **3 credit hours**
- PHED 3500 - Physical Education for Early Childhood **3 credit hours**
- MUED 4670 - Music for the Young Child **3 credit hours**

**Subtotal: 31 Hours**

### **Senior**

- ECE 4360 - Administering Early Childhood Programs **3 credit hours**
- ECE 4100 - Residency I: Early Childhood Education **9 credit hours**
- ECE 4110 - Residency II: Grades Prek-3 **12 credit hours**
- ELED 3300 - Digital Applications for Teaching and Learning **3 credit hours**

**Subtotal: 27 Hours**

# Elementary Education, B.S.

Elementary and Special Education

615-898-2680

Katherine Mangione, program coordinator

Katherine.Mangione@mtsu.edu

The major in Elementary Education (grades K-5) is designed to prepare teachers for elementary schools. It requires General Education, major, professional education, and enhanced student teaching courses.

This program leads to initial teacher licensure in Elementary Education K-5).

## Academic Map

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

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

## Degree Requirements

<b>General Education</b>	<b>41 hours</b>
<b>Major Requirements</b>	<b>33 hours</b>
<b>Professional Education</b>	<b>46 hours</b>
<b>Auxiliary Courses</b>	<b>17 hours*</b>
<b>TOTAL</b>	<b>120-137 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 1030/BIOL 1031 (Nat Sci)
- PSCI 1030/PSCI 1031 (Nat Sci)
- MATH 1000 or MATH 1710 (Math)
- GEOG 2000 (Soc/Beh Sci)
- HLTH 1530/HLTH 1531 (Soc/Beh Sci)

### Major Requirements (33 hours)

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- MATH 1420 - Informal Geometry **3 credit hours**
- PSY 2300 - Developmental Psychology **3 credit hours**
- BIOL 3000 - Life Science for Elementary Teachers **4 credit hours**
- PSCI 4030 - Experimental Physical Science **4 credit hours**
- ENGL 3510 - English Grammar and Usage for Educators **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
  
- ENGL 3740 - Children's Literature **3 credit hours** OR
- LIBS 4150 - Books, Media, and Literacy for Children **3 credit hours**



- ART 3200 - Art Education for Teachers **3 credit hours** OR
- CDIS 3250 - Speech and Language Development for the Educator **3 credit hours** OR
- MUED 3210 - Music in the Elementary Grades for Non-Music Majors **3 credit hours** OR
- THEA 3600 - Methods for Using Drama in the Classroom **3 credit hours** OR
- HLTH 4300 - The School Health Program **3 credit hours**

### **Professional Education (Admission to TEP required) (46 hours)**

- ELED 3000 - The Contemporary Classroom through the Lens of Diversity **3 credit hours**
- ELED 3100 - Experiencing Elementary Education **1 credit hour**
- ELED 3150 - Mathematics Methodology **3 credit hours**
- ELED 3300 - Digital Applications for Teaching and Learning **3 credit hours**
- ELED 3400 - Teaching Science and Social Studies through Literacy **3 credit hours**
- READ 4015 - Language and Literacy **6 credit hours**

### **Residency I**

- ELED 4130 - Academic Interventions for Elementary School Learners **3 credit hours**
- ELED 4200 - Assessing the Elementary Level Learner **3 credit hours**
- ELED 4340 - Managing Learning Environments **3 credit hours**
- ELED 4350 - Theory to Practice **6 credit hours**

### **Residency II**

- ELED 4110 - Directed Teaching, Grades K-8 **12 credit hours**

### **Auxiliary Courses (17 hours)**

The following fulfill licensure requirements and may also count in General Education:

- GEOG 2000 - Introduction to Regional Geography **3 credit hours**
- BIOL 1030 - Exploring Life **4 credit hours** AND
- BIOL 1031 - Exploring Life Lab **0 credit hours**
- PSCI 1030 - Topics in Physical Science **4 credit hours** AND
- PSCI 1031 - Topics in Physical Science Lab **0 credit hours**
- MATH 1010 - Mathematics for General Studies **3 credit hours** OR
- MATH 1710 - College Algebra **3 credit hours**
- HLTH 1530 - Health and Wellness **3 credit hours** AND
- HLTH 1531 - Health and Wellness Lab **0 credit hours**

## Recommended Curriculum: Elementary Education

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

### Freshman

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- 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**
  
- MATH 1010 - Mathematics for General Studies **3 credit hours** (Math) OR
- MATH 1710 - College Algebra **3 credit hours** (Math)
  
- BIOL 1030 - Exploring Life **4 credit hours** (Nat Sci) AND
- BIOL 1031 - Exploring Life Lab **0 credit hours** (Nat Sci)
  
- PSCI 1030 - Topics in Physical Science **4 credit hours** (Nat Sci) AND
- PSCI 1031 - Topics in Physical Science 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: 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)
- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- MATH 1420 - Informal Geometry **3 credit hours**
- GEOG 2000 - Introduction to Regional Geography **3 credit hours** (Soc/Beh Sci)
- PSY 2300 - Developmental Psychology **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
  
- BIOL 3000 - Life Science for Elementary Teachers **4 credit hours** OR
- PSCI 4030 - Experimental Physical Science **4 credit hours**
  
- **Choose 6 hours from the following:**
- 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

- ENGL 3510 - English Grammar and Usage for Educators **3 credit hours**
- READ 4015 - Language and Literacy **6 credit hours**
- ELED 3000 - The Contemporary Classroom through the Lens of Diversity **3 credit hours**
- ELED 3100 - Experiencing Elementary Education **1 credit hour**
- ELED 3150 - Mathematics Methodology **3 credit hours**
- ELED 3300 - Digital Applications for Teaching and Learning **3 credit hours**
- ELED 3400 - Teaching Science and Social Studies through Literacy **3 credit hours**
  
- BIOL 3000 - Life Science for Elementary Teachers **4 credit hours** OR
- PSCI 4030 - Experimental Physical Science **4 credit hours**
  
- ENGL 3740 - Children's Literature **3 credit hours** OR
- LIBS 4150 - Books, Media, and Literacy for Children **3 credit hours**
  
- ART 3200 - Art Education for Teachers **3 credit hours** OR
- CDIS 3250 - Speech and Language Development for the Educator **3 credit hours** OR
- HLTH 4300 - The School Health Program **3 credit hours** OR
- MUED 3210 - Music in the Elementary Grades for Non-Music Majors **3 credit hours** OR
- THEA 3600 - Methods for Using Drama in the Classroom **3 credit hours** OR

**Subtotal: 32 Hours**

### **Senior**

- ELED 4130 - Academic Interventions for Elementary School Learners **3 credit hours**
- ELED 4200 - Assessing the Elementary Level Learner **3 credit hours**
- ELED 4340 - Managing Learning Environments **3 credit hours**
- ELED 4350 - Theory to Practice **6 credit hours**
- ELED 4110 - Directed Teaching, Grades K-8 **12 credit hours**

**Subtotal: 27 Hours**

# Middle Level Education (Grades 6-8, English), B.S.

Elementary and Special Education

615-898-2680

Stacy Fields, program coordinator

Stacy.Fields@mtsu.edu

The major in Middle Level Education, grades 6-8, is designed to prepare teachers for middle schools. It requires General Education, major, professional education, and residency courses.

This program leads to initial teacher licensure in middle level education (grades 6-8).

## Academic Map

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

### Middle Level Education (Grades 6-8, English), B.S., Academic Map

## Degree Requirements

General Education	41 hours
Major Requirements	36 hours
Professional Education	43 hours
<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 (36 hours)

- ENGL 3007 - Writing and the Literary Imagination **3 credit hours**
- ENGL 3510 - English Grammar and Usage for Educators **3 credit hours**
- ENGL 3740 - Children's Literature **3 credit hours**
- ENGL 3745 - Literature for Adolescents **3 credit hours**
- ENGL 3755 - Folk/Fairy Tales, Legends, Myths, Ancient Stories **3 credit hours**
- ENGL 4605 - Advanced Composition **3 credit hours**
- READ 4035 - Language and Literacy in the Middle Grades **6 credit hours**
  
- READ 3340 - Teaching Reading in the Secondary School **3 credit hours** OR
- ENGL 4500 - Methods of Teaching Secondary English **3 credit hours**
  
- ENGL 3505 - Writing Workshop Methodologies **3 credit hours** OR
- ENGL 3570 - Introduction to Linguistics **3 credit hours** OR
- ENGL 3605 - Applied Writing **3 credit hours** OR
- ENGL 4510 - Modern English Grammar and Usage **3 credit hours** OR
- ENGL 4570 - Special Topics in Linguistics **3 credit hours**

**Choose 6 credit hours from the following:**

- ENGL 3030 - American Literature: Colonial Era to the Present **3 credit hours**
- ENGL 3330 - Southern Literature **3 credit hours**
- ENGL 3340 - African American Literature **3 credit hours**
- ENGL 3360 - Multicultural Literature of the United States **3 credit hours**
- ENGL 3725 - Nineteenth-Century Women Writers **3 credit hours**
- ENGL 3730 - Twentieth-Century Women Writers **3 credit hours**
- ENGL 3735 - Black Women as Writers **3 credit hours**
- ENGL 3760 - Introduction to Folklore **3 credit hours**
- ENGL 4540 - Second Language Writing **3 credit hours**

**Professional Education (31 hours)**

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- MLED 2000 - Characteristics of the Middle Level Learner **3 credit hours**
- MLED 3100 - Experiencing Middle Level Education I **1 credit hour**
- MLED 3110 - Experiencing Middle Level Education II **2 credit hours**
- MLED 4000 - Methods of Teaching Middle Level Learners **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
- MLED 3300 - Instructional Technology in Middle Level Education **3 credit hours**
- MLED 4200 - Assessing the Middle Level Learner **3 credit hours**
- MLED 4340 - Managing Middle Level Learning Environments **3 credit hours**
- MLED 4350 - Theory to Practice in Middle Level Education **6 credit hours**

**Student Teaching (12 hours)**

- MLED 4995 - Directed Teaching in Middle Level Education **12 credit hours**

**Recommended Curriculum: Middle Level Education (Grades 6-8, English)**

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)
- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- Humanities and/or Fine Arts (2 rubrics) **6 credit hours**
- Natural Sciences **8 credit hours**
- Mathematics **3 credit hours**
- Social/Behavioral Sciences **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)
  - COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
  - Social/Behavioral Sciences **3 credit hours**
  - ENGL 3510 - English Grammar and Usage for Educators **3 credit hours**
  - ENGL 3740 - Children's Literature **3 credit hours**
  - ENGL 3007 - Writing and the Literary Imagination **3 credit hours**
  - MLED 2000 - Characteristics of the Middle Level Learner **3 credit hours**
  - ENGL 3505 - Writing Workshop Methodologies **3 credit hours** OR
  - ENGL 3570 - Introduction to Linguistics **3 credit hours** OR
  - ENGL 3605 - Applied Writing **3 credit hours** OR
  - ENGL 4510 - Modern English Grammar and Usage **3 credit hours** OR
  - ENGL 4570 - Special Topics in Linguistics **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**

### **Junior**

- ENGL 3745 - Literature for Adolescents **3 credit hours**
- ENGL 3755 - Folk/Fairy Tales, Legends, Myths, Ancient Stories **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
- READ 4035 - Language and Literacy in the Middle Grades **6 credit hours**
- MLED 3100 - Experiencing Middle Level Education I **1 credit hour**
- MLED 3110 - Experiencing Middle Level Education II **2 credit hours**
- MLED 4000 - Methods of Teaching Middle Level Learners **3 credit hours**
- ENGL 4605 - Advanced Composition **3 credit hours**
- READ 3340 - Teaching Reading in the Secondary School **3 credit hours** OR
- ENGL 4500 - Methods of Teaching Secondary English **3 credit hours**

**Choose 6 credit hours from the following:**

- ENGL 3030 - American Literature: Colonial Era to the Present **3 credit hours**
- ENGL 3300 - Native American Literature **3 credit hours**
- ENGL 3330 - Southern Literature **3 credit hours**
- ENGL 3340 - African American Literature **3 credit hours**
- ENGL 3360 - Multicultural Literature of the United States **3 credit hours**
- ENGL 3725 - Nineteenth-Century Women Writers **3 credit hours**
- ENGL 3730 - Twentieth-Century Women Writers **3 credit hours**
- ENGL 3760 - Introduction to Folklore **3 credit hours**
- ENGL 4540 - Second Language Writing **3 credit hours**

**Subtotal: 33 Hours**

**Senior**

- MLED 3300 - Instructional Technology in Middle Level Education **3 credit hours**
- MLED 4200 - Assessing the Middle Level Learner **3 credit hours**
- MLED 4340 - Managing Middle Level Learning Environments **3 credit hours**
- MLED 4350 - Theory to Practice in Middle Level Education **6 credit hours**
- MLED 4995 - Directed Teaching in Middle Level Education **12 credit hours**

**Subtotal: 27 Hours**

# Middle Level Education (Grades 6-8, Math), B.S.

Elementary and Special Education

615-898-2680

Stacy Fields, program coordinator

Stacy.Fields@mtsu.edu

The major in Middle Level Education, grades 6-8, is designed to prepare teachers for middle schools. It requires General Education, major, professional education, and residency courses.

This program leads to initial teacher licensure in middle level education (grades 6-8).

## Academic Map

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

### Middle Level Education (Grades 6-8, Math), B.S., Academic Map

## Degree Requirements

General Education	41 hours
Major Requirements	42 hours*
Professional Education	43 hours
<b>TOTAL</b>	<b>120-126 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:**

- ECON 2410 or ECON 2420 (Soc/Beh Sci)
- MATH 1710 (Math)

### Major Requirements (42 hours)

- EXL 3010 - Service Learning Practicum **1 to 3 credit hours (1 credit hour required)**
- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- MATH 1420 - Informal Geometry **3 credit hours**
- MATH 1530 - Applied Statistics **3 credit hours**
- MATH 1710 - College Algebra **3 credit hours (may be counted in General Education)**
- MATH 1730 - Pre-Calculus **4 credit hours**
- MATH 1910 - Calculus I **4 credit hours**
- MATH 3320 - Teaching Mathematics in the Middle Grades **3 credit hours**
- MATH 4010 - Selected Topics in Elementary Mathematics **3 credit hours**
- READ 4035 - Language and Literacy in the Middle Grades **6 credit hours**
- MATH 3340 - Statistics and Probability for Teaching **3 credit hours**



- MATH 3330 - Teaching Mathematics in the Secondary Grades **3 credit hours** OR
- ELED 3150 - Mathematics Methodology **3 credit hours**
- ECON 2410 - Principles of Economics, Macroeconomics **3 credit hours** OR
- ECON 2420 - Principles of Economics, Microeconomics **3 credit hours (may be counted in General Education)**

### **Professional Education (31 hours)**

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- MLED 2000 - Characteristics of the Middle Level Learner **3 credit hours**
- MLED 3100 - Experiencing Middle Level Education I **1 credit hour**
- MLED 3110 - Experiencing Middle Level Education II **2 credit hours**
- MLED 4000 - Methods of Teaching Middle Level Learners **3 credit hours**
- MLED 3300 - Instructional Technology in Middle Level Education **3 credit hours**
- MLED 4200 - Assessing the Middle Level Learner **3 credit hours**
- MLED 4340 - Managing Middle Level Learning Environments **3 credit hours**
- MLED 4350 - Theory to Practice in Middle Level Education **6 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**

### **Student Teaching (12 hours)**

- MLED 4995 - Directed Teaching in Middle Level Education **12 credit hours**

## **Curriculum: Middle Level Education (Grades 6-8, Math)**

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)
- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- MATH 1420 - Informal Geometry **3 credit hours**
- MATH 1710 - College Algebra **3 credit hours** (Math)
- MATH 1730 - Pre-Calculus **4 credit hours**
- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- Natural Science (BIOL 1030/1031 or PSCI 1030/1031 recommended) **4 credit hours**
- Social/Behavioral Sciences (PSY 1410 recommended) **3 credit hours**

**Subtotal: 33 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)
- MATH 1530 - Applied Statistics **3 credit hours**
- MATH 1910 - Calculus I **4 credit hours**
- MATH 3320 - Teaching Mathematics in the Middle Grades **3 credit hours**
- MATH 3340 - Statistics and Probability for Teaching **3 credit hours**
- MLED 2000 - Characteristics of the Middle Level Learner **3 credit hours**
  
- ECON 2410 - Principles of Economics, Macroeconomics **3 credit hours** (Soc/Beh Sci) OR
- ECON 2420 - Principles of Economics, Microeconomics **3 credit hours** (Soc/Beh Sci)
  
- **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**

- EXL 3010 - Service Learning Practicum **1 to 3 credit hours (1 credit hour required)**
- MLED 3100 - Experiencing Middle Level Education I **1 credit hour**
- MLED 3110 - Experiencing Middle Level Education II **2 credit hours**
- Natural Science (PHYS 1110 or PHYS 2010/2011 recommended) **4 credit hours**
- Humanities and/or Fine Arts (Rubric 2) **3 credit hours**
- MLED 4000 - Methods of Teaching Middle Level Learners **3 credit hours**
- MATH 4010 - Selected Topics in Elementary Mathematics **3 credit hours**
- READ 4035 - Language and Literacy in the Middle Grades **6 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
  
- MATH 3330 - Teaching Mathematics in the Secondary Grades **3 credit hours** OR
- ELED 3150 - Mathematics Methodology **3 credit hours**

**Subtotal: 29 Hours**

**Senior**

- MLED 3300 - Instructional Technology in Middle Level Education **3 credit hours**
- MLED 4200 - Assessing the Middle Level Learner **3 credit hours**
- MLED 4340 - Managing Middle Level Learning Environments **3 credit hours**
- MLED 4350 - Theory to Practice in Middle Level Education **6 credit hours**
- MLED 4995 - Directed Teaching in Middle Level Education **12 credit hours**

**Subtotal: 27 Hours**

# Middle Level Education (Grades 6-8, Science), B.S.

Elementary and Special Education

615-898-2680

Stacy Fields, program coordinator

Stacy.Fields@mtsu.edu

The major in Middle Level Education, grades 6-8, is designed to prepare teachers for middle schools. It requires General Education, major, professional education, and residency courses.

This program leads to initial teacher licensure in middle level education (grades 6-8).

## Academic Map

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

### Middle Level (Grades 6-8 Science), B.S., Academic Map

## Degree Requirements

General Education	41 hours
Major Requirements	48 hours*
Professional Education	43 hours
<b>TOTAL</b>	<b>121-132 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 121 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 1030/BIOL 1031 (Nat Sci)
- PSCI 1030/PSCI 1031 (Nat Sci)
- HLTH 1530/HLTH 1531 (Soc/Beh Sci)

### Major Requirements (48 hours)

- BIOL 3000 - Life Science for Elementary Teachers **4 credit hours**
- PSCI 4030 - Experimental Physical Science **4 credit hours**
- PSY 2300 - Developmental Psychology **3 credit hours**
- READ 4035 - Language and Literacy in the Middle Grades **6 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)**
  
- ASTR 1030 - Exploring the Universe **3 credit hours** AND
- ASTR 1031 - Observing the Universe **1 credit hour**

- BIOL 1030 - Exploring Life **4 credit hours** AND
- BIOL 1031 - Exploring Life Lab **0 credit hours (may be counted in General Education)**
  
- GEOL 1030 - Introduction to Earth Science **3 credit hours** AND
- GEOL 1031 - Introduction to Earth Science Lab **1 credit hour**
  
- CHEM 1010 - Introductory General Chemistry I **4 credit hours** AND
- CHEM 1011 - Intro to General Chemistry I 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**
  
- PSCI 1030 - Topics in Physical Science **4 credit hours**
- PSCI 1031 - Topics in Physical Science Lab **0 credit hours (may be counted in General Education)**
  
- PHYS 1110 - Discovering Physics **4 credit hours**  
OR
- PHYS 2010 - Non-Calculus-Based Physics I **0 credit hours** AND
- PHYS 2011 - Physics Problems Laboratory I **4 credit hours**  
OR
- MATH 4010 - Selected Topics in Elementary Mathematics **3 credit hours** AND
- EXL 3020 - Leadership Studies Practicum **1 to 3 credit hours (1 credit hour required)**

### **Professional Education (31 hours)**

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- MLED 2000 - Characteristics of the Middle Level Learner **3 credit hours**
- MLED 3100 - Experiencing Middle Level Education I **1 credit hour**
- MLED 3110 - Experiencing Middle Level Education II **2 credit hours**
- MLED 3300 - Instructional Technology in Middle Level Education **3 credit hours**
- MLED 4000 - Methods of Teaching Middle Level Learners **3 credit hours**
- MLED 4200 - Assessing the Middle Level Learner **3 credit hours**
- MLED 4340 - Managing Middle Level Learning Environments **3 credit hours**
- MLED 4350 - Theory to Practice in Middle Level Education **6 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**

### **Student Teaching (12 hours)**

- MLED 4995 - Directed Teaching in Middle Level Education **12 credit hours**

## Curriculum: Middle Level Education (Grades 6-8, 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)
- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- Humanities and/or Fine Arts (2 rubrics) **6 credit hours**
- Mathematics **3 credit hours**
  
- HLTH 1530 - Health and Wellness **3 credit hours** (Soc/Beh Sci) AND
- HLTH 1531 - Health and Wellness Lab **0 credit hours** (Soc/Beh Sci)
  
- BIOL 1030 - Exploring Life **4 credit hours** (Nat Sci) AND
- BIOL 1031 - Exploring Life Lab **0 credit hours** (Nat Sci)
  
- PSCI 1030 - Topics in Physical Science **4 credit hours** (Nat Sci) AND
- PSCI 1031 - Topics in Physical Science Lab **0 credit hours** (Nat Sci)

**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)
- MLED 2000 - Characteristics of the Middle Level Learner **3 credit hours**
- Social/Behavioral Sciences **3 credit hours**
  
- PHYS 1110 - Discovering Physics **4 credit hours**  
OR
- PHYS 2010 - Non-Calculus-Based Physics I **0 credit hours** AND
- PHYS 2011 - Physics Problems Laboratory I **4 credit hours**  
OR
- MATH 4010 - Selected Topics in Elementary Mathematics **3 credit hours** AND
- EXL 3020 - Leadership Studies Practicum **1 to 3 credit hours (1 credit hour required)**
  
- ASTR 1030 - Exploring the Universe **3 credit hours** AND
- ASTR 1031 - Observing the Universe **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**
- GEOL 1030 - Introduction to Earth Science **3 credit hours** AND
- GEOL 1031 - Introduction to Earth Science Lab **1 credit hour**

- CHEM 1010 - Introductory General Chemistry I **4 credit hours** AND
- CHEM 1011 - Intro to General Chemistry I Lab **0 credit hours**

**Subtotal: 31 Hours**

### **Junior**

- MLED 3100 - Experiencing Middle Level Education I **1 credit hour**
- MLED 3110 - Experiencing Middle Level Education II **2 credit hours**
- MLED 4000 - Methods of Teaching Middle Level Learners **3 credit hours**
- BIOL 3000 - Life Science for Elementary Teachers **4 credit hours**
- PSCI 4030 - Experimental Physical Science **4 credit hours**
- PSY 2300 - Developmental Psychology **3 credit hours**
- READ 4035 - Language and Literacy in the Middle Grades **6 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
  
- CHEM 1020 - Introductory General Chemistry II **4 credit hours** AND
- CHEM 1021 - Intro to General Chemistry 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: 33 Hours**

### **Senior**

- MLED 3300 - Instructional Technology in Middle Level Education **3 credit hours**
- MLED 4200 - Assessing the Middle Level Learner **3 credit hours**
- MLED 4340 - Managing Middle Level Learning Environments **3 credit hours**
- MLED 4350 - Theory to Practice in Middle Level Education **6 credit hours**
- MLED 4995 - Directed Teaching in Middle Level Education **12 credit hours**

**Subtotal: 27 Hours**

# Middle Level Education (Grades 6-8, Social Studies), B.S.

Elementary and Special Education

615-898-2680

Stacy Fields, program coordinator

Stacy.Fields@mtsu.edu

The major in Middle Level Education, grades 6-8, is designed to prepare teachers for middle schools. It requires General Education, major, professional education, and residency courses.

This program leads to initial teacher licensure in middle level education (grades 6-8).

## Academic Map

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

### Middle Level Education (Grades 6-8 Social Studies), B.S., Academic Map

## Degree Requirements

General Education	41 hours
Major Requirements	42 hours*
Professional Education	43 hours
<b>TOTAL</b>	<b>120-126 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:**

- PS 1010 (Soc/Beh Sci)
- GEOG 2000 (Soc/Beh Sci)

### Major Requirements (42 hours)

- GEOG 2000 - Introduction to Regional Geography **3 credit hours (may be counted in General Education)**
- PS 1010 - Introduction to Global Politics **3 credit hours (may be counted in General Education)**
- ECON 2410 - Principles of Economics, Macroeconomics **3 credit hours**
- HIST 1120 - Survey World Civilization II **3 credit hours**
- HIST 3011 - Teaching Historical Thinking **3 credit hours**
- READ 4035 - Language and Literacy in the Middle Grades **6 credit hours**
- U.S. History upper-division elective (3000 level or higher) **3 credit hours**
- Global upper-division elective (3000 level or higher) **3 credit hours**
- European upper-division elective (3000 level or higher) **3 credit hours**



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

**Choose 9 credit hours from the following:**

- AAS 2040 - Survey African American History I **3 credit hours**
- AAS 2100 - Introduction to African American Studies **3 credit hours**
- ANTH 2010 - Cultural Anthropology **3 credit hours**
- ANTH 3210 - Archaeology **3 credit hours**
- GEOG 4340 - Historical Geography **3 credit hours**
- GEOG 4360 - Cultural Geography **3 credit hours**
- PS 3370 - American Constitutional Law I: Government Powers **3 credit hours**
- PS 3380 - American Constitutional Law II: Civil Liberties and Civil Rights **3 credit hours**
- PS 4240 - American Foreign Policy **3 credit hours**
  
- ANTH 4860 - Historical Archaeology **3 credit hours**
- HIST 4860 - Historical Archaeology **3 credit hours**

### **Professional Education (31 hours)**

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- MLED 2000 - Characteristics of the Middle Level Learner **3 credit hours**
- MLED 3100 - Experiencing Middle Level Education I **1 credit hour**
- MLED 3110 - Experiencing Middle Level Education II **2 credit hours**
- MLED 3300 - Instructional Technology in Middle Level Education **3 credit hours**
- MLED 4000 - Methods of Teaching Middle Level Learners **3 credit hours**
- MLED 4200 - Assessing the Middle Level Learner **3 credit hours**
- MLED 4340 - Managing Middle Level Learning Environments **3 credit hours**
- MLED 4350 - Theory to Practice in Middle Level Education **6 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**

### **Student Teaching (12 hours)**

- MLED 4995 - Directed Teaching in Middle Level Education **12 credit hours**

## **Curriculum: Middle Level Education (Grades 6-8, Social Studies)**

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

### **Freshman**

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- ENGL 1010 - Expository Writing **3 credit hours** (Comm)
- ENGL 1020 - Research and Argumentative Writing **3 credit hours** (Comm)
- HIST 1120 - Survey World Civilization II **3 credit hours**
- Natural Sciences **8 credit hours**
- Humanities and/or Fine Arts **6 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** (Hum/FA)
  
- COMM 2200 - Fundamentals of Communication **3 credit hours** (Comm)
- ECON 2410 - Principles of Economics, Macroeconomics **3 credit hours**
- GEOG 2000 - Introduction to Regional Geography **3 credit hours** (Soc/Beh Sci)
- 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**
- MLED 2000 - Characteristics of the Middle Level Learner **3 credit hours**
- PS 1010 - Introduction to Global Politics **3 credit hours** (Soc/Beh Sci)

#### **Choose one:**

- AAS 2040 - Survey African American History I **3 credit hours**
- AAS 2100 - Introduction to African American Studies **3 credit hours**
- ANTH 2010 - Cultural Anthropology **3 credit hours**
- ANTH 3210 - Archaeology **3 credit hours**
- GEOG 4340 - Historical Geography **3 credit hours**
- GEOG 4360 - Cultural Geography **3 credit hours**
- PS 3370 - American Constitutional Law I: Government Powers **3 credit hours**
- PS 3380 - American Constitutional Law II: Civil Liberties and Civil Rights **3 credit hours**
- PS 4240 - American Foreign Policy **3 credit hours**
  
- ANTH 4860 - Historical Archaeology **3 credit hours** OR
- HIST 4860 - Historical Archaeology **3 credit hours**

## **Subtotal: 30 Hours**

### **Junior**

- READ 4035 - Language and Literacy in the Middle Grades **6 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
- HIST 3011 - Teaching Historical Thinking **3 credit hours**
- Upper division US History (3000 level or above) **3 credit hours**
- Upper division global or European History (3000 level or above) **6 credit hours**
- MLED 3100 - Experiencing Middle Level Education I **1 credit hour**
- MLED 3110 - Experiencing Middle Level Education II **2 credit hours**
- MLED 4000 - Methods of Teaching Middle Level Learners **3 credit hours**

#### **Choose 6 hours from:**

- AAS 2040 - Survey African American History I **3 credit hours**
- AAS 2100 - Introduction to African American Studies **3 credit hours**
- ANTH 2010 - Cultural Anthropology **3 credit hours**
- ANTH 3210 - Archaeology **3 credit hours**
- GEOG 4340 - Historical Geography **3 credit hours**

- GEOG 4360 - Cultural Geography **3 credit hours**
- PS 3370 - American Constitutional Law I: Government Powers **3 credit hours**
- PS 3380 - American Constitutional Law II: Civil Liberties and Civil Rights **3 credit hours**
- PS 4240 - American Foreign Policy **3 credit hours**
  
- ANTH 4860 - Historical Archaeology **3 credit hours** OR
- HIST 4860 - Historical Archaeology **3 credit hours**

**Subtotal: 33 Hours**

### **Senior**

- MLED 3300 - Instructional Technology in Middle Level Education **3 credit hours**
- MLED 4200 - Assessing the Middle Level Learner **3 credit hours**
- MLED 4340 - Managing Middle Level Learning Environments **3 credit hours**
- MLED 4350 - Theory to Practice in Middle Level Education **6 credit hours**
- MLED 4995 - Directed Teaching in Middle Level Education **12 credit hours**

**Subtotal: 27 Hours**

# Special Education (6-12 General Interventionist), B.S.

Elementary and Special Education

615-904-8429

Zaf Khan, program coordinator

Zaf.Khan@mtsu.edu

The major in Special Education requires 120 semester hours including courses which satisfy the General Education requirements. It is designed to prepare teachers in special education and will meet the Tennessee requirements for initial licensure in Special Education in the 6-12 General Interventionist Program (for individuals with mild/moderate disabilities). A grade of "C" is required.

## Academic Map

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

### Special Education (6-12 General Interventionist), B.S., Academic Map

## Degree Requirements

<b>General Education</b>	<b>41 hours</b>
<b>Major Requirements</b>	<b>40 hours</b>
<b>Professional Education</b>	<b>39 hours</b>
<b>Auxiliary Courses</b>	<b>17 hours*</b>
<b>TOTAL</b>	<b>120-137 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:**

- MATH 1530 (Math)
- BIOL 1030/BIOL 1031 (Nat Sci)
- PSCI 1030/PSCI 1031 or GEOL 1030/GEOL 1031 (Nat Sci)
- ENGL 2020 or ENGL 2030 (Hum/FA)
- GEOG 2000 (Soc/Beh Sci)

### Major Requirements (40 hours)

- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- MATH 1420 - Informal Geometry **3 credit hours**
- SPED 3020 - Responsive Teaching of Individuals with High Incidence Disabilities **3 credit hours**
- SPED 3030 - Applied Adolescent Developmental Variation and Assessment of Individuals with High Incidence Disabilities **4 credit hours**
- SPED 3130 - Diversity in Language and Communication **3 credit hours**
- SPED 4010 - Explicit Reading Strategies for Learners with Exceptionalities **4 credit hours**
- SPED 4100 - Advanced Reading Strategies for Learners with Exceptionalities **3 credit hours**
- SPED 4180 - Pre-residency Interventionist Integrated Clinical Experience **2 credit hours**
- SPED 4240 - Methods and Techniques of Behavior Management **3 credit hours**
- SPED 4380 - Co-teaching in Inclusive Classrooms **3 credit hours**

- SPED 4550 - Data Literacy: Implementing Evidence-Based Prescriptive and Diagnostic Interventions for Struggling Learners **3 credit hours**
- SPED 4600 - Math Interventions for Learners with Exceptionalities **3 credit hours**
- SPED 4720 - Promoting Culture and Diversity in Family Professional Partnerships **3 credit hours**

### **Professional Education (39 hours)**

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
- SPED 3040 - Digital Tools and Methods in Flexible Learning Environments **3 credit hours**
- SPED 4150 - Techniques, Methods, and Materials in Special Education (Modified) **3 credit hours**
- SPED 4165 - Curriculum-Based Measurement and Progress Monitoring **3 credit hours**
- SPED 4170 - Strategic Teaching and Learning in Secondary Education (Modified) **3 credit hours**
- SPED 4210 - Residency I, Interventionist Integrated Clinical Experience **5 credit hours**
- SPED 4350 - Residency II, Interventionist Integrated Clinical Experience **12 credit hours**
- SPED 4370 - Transition Services and Education of Adolescents with Disabilities **3 credit hours**

### **Auxiliary Courses (17 hours)**

The following fulfill licensure requirements and may also count in General Education:

- MATH 1530 - Applied Statistics **3 credit hours**
- GEOG 2000 - Introduction to Regional Geography **3 credit hours**
  
- BIOL 1030 - Exploring Life **4 credit hours** AND
- BIOL 1031 - Exploring Life Lab **0 credit hours**
  
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** OR
- ENGL 2030 - The Experience of Literature **3 credit hours**
  
- GEOL 1030 - Introduction to Earth Science **3 credit hours** AND
- GEOL 1031 - Introduction to Earth Science Lab **1 credit hour**
- OR
- PSCI 1030 - Topics in Physical Science **4 credit hours** AND
- PSCI 1031 - Topics in Physical Science Lab **0 credit hours**

## Recommended Curriculum: Special Education (6-12 General Interventionist)

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

### Freshman

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- 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)
- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- Mathematics (MATH 1530 recommended) **3 credit hours**
- Natural Science (2 prefixes) (BIOL 1030/1031 and PSCI 1030/1031 or GEOL 1030/1031 recommended) **8 credit hours**
- Humanities and/or Fine Arts **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)
  
- MATH 1420 - Informal Geometry **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
- SPED 3030 - Applied Adolescent Developmental Variation and Assessment of Individuals with High Incidence Disabilities **4 credit hours**
- SPED 3040 - Digital Tools and Methods in Flexible Learning Environments **3 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- Social/Behavioral Sciences (GEOG 2000 recommended) **6 credit hours**

#### **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: 31 hours**

### Junior

- SPED 3020 - Responsive Teaching of Individuals with High Incidence Disabilities **3 credit hours**
- SPED 3130 - Diversity in Language and Communication **3 credit hours**
- SPED 4010 - Explicit Reading Strategies for Learners with Exceptionalities **4 credit hours**
- SPED 4100 - Advanced Reading Strategies for Learners with Exceptionalities **3 credit hours**
- SPED 4170 - Strategic Teaching and Learning in Secondary Education (Modified) **3 credit hours**
- SPED 4180 - Pre-residency Interventionist Integrated Clinical Experience **2 credit hours**
- SPED 4240 - Methods and Techniques of Behavior Management **3 credit hours**

- SPED 4380 - Co-teaching in Inclusive Classrooms **3 credit hours**
- SPED 4550 - Data Literacy: Implementing Evidence-Based Prescriptive and Diagnostic Interventions for Struggling Learners **3 credit hours**
- SPED 4600 - Math Interventions for Learners with Exceptionalities **3 credit hours**
- SPED 4720 - Promoting Culture and Diversity in Family Professional Partnerships **3 credit hours**

**Subtotal: 33 hours**

### **Senior**

- SPED 4150 - Techniques, Methods, and Materials in Special Education (Modified) **3 credit hours**
- SPED 4165 - Curriculum-Based Measurement and Progress Monitoring **3 credit hours**
- SPED 4210 - Residency I, Interventionist Integrated Clinical Experience **5 credit hours**
- SPED 4350 - Residency II, Interventionist Integrated Clinical Experience **12 credit hours**
- SPED 4370 - Transition Services and Education of Adolescents with Disabilities **3 credit hours**

**Subtotal: 26 hours**

# Special Education (6-12 Literacy Interventionist), B.S.

Elementary and Special Education

615-904-8429

Zaf Khan, program coordinator

Zaf.Khan@mtsu.edu

The major in Special Education requires 120 semester hours including courses which satisfy the General Education requirements. It is designed to prepare teachers in special education and will meet the Tennessee requirements for initial licensure in Special Education in the 6-12 Literacy Interventionist Program (for individuals with mild/moderate disabilities). A grade of "C" is required.

## Academic Map

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

### Special Education (6-12 Literacy Interventionist), B.S., Academic Map

## Degree Requirements

<b>General Education</b>	<b>41 hours</b>
<b>Major Requirements</b>	<b>40 hours</b>
<b>Professional Education</b>	<b>39 hours</b>
<b>Auxiliary Courses</b>	<b>17 hours*</b>
<b>TOTAL</b>	<b>120-137 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:**

- MATH 1530 (Math)
- BIOL 1030/BIOL 1031 (Nat Sci)
- PSCI 1030/PSCI 1031 or GEOL 1030/GEOL 1031 (Nat Sci)
- ENGL 2020 or ENGL 2030 (Hum/FA)
- GEOG 2000 (Soc/Beh Sci)

### Major Requirements (40 hours)

- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- MATH 1420 - Informal Geometry **3 credit hours**
- SPED 3020 - Responsive Teaching of Individuals with High Incidence Disabilities **3 credit hours**
- SPED 3030 - Applied Adolescent Developmental Variation and Assessment of Individuals with High Incidence Disabilities **4 credit hours**
- SPED 3130 - Diversity in Language and Communication **3 credit hours**
- SPED 4010 - Explicit Reading Strategies for Learners with Exceptionalities **4 credit hours**
- SPED 4100 - Advanced Reading Strategies for Learners with Exceptionalities **3 credit hours**
- SPED 4180 - Pre-residency Interventionist Integrated Clinical Experience **2 credit hours**
- SPED 4240 - Methods and Techniques of Behavior Management **3 credit hours**
- SPED 4380 - Co-teaching in Inclusive Classrooms **3 credit hours**



- SPED 4550 - Data Literacy: Implementing Evidence-Based Prescriptive and Diagnostic Interventions for Struggling Learners **3 credit hours**
- SPED 4600 - Math Interventions for Learners with Exceptionalities **3 credit hours**
- SPED 4720 - Promoting Culture and Diversity in Family Professional Partnerships **3 credit hours**

### **Professional Education (39 hours)**

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- ENGL 3000 - Introduction to Literary Studies **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
- SPED 3040 - Digital Tools and Methods in Flexible Learning Environments **3 credit hours**
- SPED 4165 - Curriculum-Based Measurement and Progress Monitoring **3 credit hours**
- SPED 4150 - Techniques, Methods, and Materials in Special Education (Modified) **3 credit hours**
- SPED 4210 - Residency I, Interventionist Integrated Clinical Experience **5 credit hours**
- SPED 4350 - Residency II, Interventionist Integrated Clinical Experience **12 credit hours**
- SPED 4370 - Transition Services and Education of Adolescents with Disabilities **3 credit hours**

### **Auxiliary Courses (17 hours)**

The following fulfill licensure requirements and may also count in General Education:

- MATH 1530 - Applied Statistics **3 credit hours**
- GEOG 2000 - Introduction to Regional Geography **3 credit hours**
- BIOL 1030 - Exploring Life **4 credit hours** AND
- BIOL 1031 - Exploring Life Lab **0 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** OR
- ENGL 2030 - The Experience of Literature **3 credit hours**
- GEOL 1030 - Introduction to Earth Science **3 credit hours** AND
- GEOL 1031 - Introduction to Earth Science Lab **1 credit hour**
- OR
- PSCI 1030 - Topics in Physical Science **4 credit hours** AND
- PSCI 1031 - Topics in Physical Science Lab **0 credit hours**

## Recommended Curriculum: Special Education (6-12 Literacy Interventionist)

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

### Freshman

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- 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)
- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- Mathematics (MATH 1530 recommended) **3 credit hours**
- Natural Science (2 prefixes) (BIOL 1030/1031 and PSCI 1030/1031 or GEOL 1030/1031 recommended) **8 credit hours**
- Humanities and/or Fine Arts **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)
  
- MATH 1420 - Informal Geometry **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
- SPED 3030 - Applied Adolescent Developmental Variation and Assessment of Individuals with High Incidence Disabilities **4 credit hours**
- SPED 3040 - Digital Tools and Methods in Flexible Learning Environments **3 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- Social/Behavioral Sciences (GEOG 2000 recommended) **6 credit hours**

#### 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: 31 hours**

### Junior

- ENGL 3000 - Introduction to Literary Studies **3 credit hours**
- SPED 3020 - Responsive Teaching of Individuals with High Incidence Disabilities **3 credit hours**
- SPED 3130 - Diversity in Language and Communication **3 credit hours**
- SPED 4010 - Explicit Reading Strategies for Learners with Exceptionalities **4 credit hours**
- SPED 4100 - Advanced Reading Strategies for Learners with Exceptionalities **3 credit hours**
- SPED 4180 - Pre-residency Interventionist Integrated Clinical Experience **2 credit hours**
- SPED 4240 - Methods and Techniques of Behavior Management **3 credit hours**

- SPED 4380 - Co-teaching in Inclusive Classrooms **3 credit hours**
- SPED 4550 - Data Literacy: Implementing Evidence-Based Prescriptive and Diagnostic Interventions for Struggling Learners **3 credit hours**
- SPED 4600 - Math Interventions for Learners with Exceptionalities **3 credit hours**
- SPED 4720 - Promoting Culture and Diversity in Family Professional Partnerships **3 credit hours**

**Subtotal: 33 hours**

### **Senior**

- SPED 4150 - Techniques, Methods, and Materials in Special Education (Modified) **3 credit hours**
- SPED 4165 - Curriculum-Based Measurement and Progress Monitoring **3 credit hours**
- SPED 4210 - Residency I, Interventionist Integrated Clinical Experience **5 credit hours**
- SPED 4350 - Residency II, Interventionist Integrated Clinical Experience **12 credit hours**
- SPED 4370 - Transition Services and Education of Adolescents with Disabilities **3 credit hours**

**Subtotal: 26 hours**

# Special Education (6-12 Math Interventionist), B.S.

Elementary and Special Education

615-904-8429

Zaf Khan, program coordinator

Zaf.Khan@mtsu.edu

The major in Special Education requires 120 semester hours including courses which satisfy the General Education requirements. It is designed to prepare teachers in special education and will meet the Tennessee requirements for initial licensure in Special Education in the 6-12 Math Interventionist Program (for individuals with mild/moderate disabilities). A grade of "C" is required.

## Academic Map

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

### Special Education (6-12 Math Interventionist), B.S., Academic Map

## Degree Requirements

<b>General Education</b>	<b>41 hours</b>
<b>Major Requirements</b>	<b>40 hours</b>
<b>Professional Education</b>	<b>39 hours</b>
<b>Auxiliary Courses</b>	<b>17 hours*</b>
<b>TOTAL</b>	<b>120-137 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:**

- MATH 1530 (Math)
- BIOL 1030/BIOL 1031 (Nat Sci)
- PSCI 1030/PSCI 1031 or GEOL 1030/GEOL 1031 (Nat Sci)
- ENGL 2020 or ENGL 2030 (Hum/FA)
- GEOG 2000 (Soc/Beh Sci)

### Major Requirements (40 hours)

- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- MATH 1420 - Informal Geometry **3 credit hours**
- MATH 3330 - Teaching Mathematics in the Secondary Grades **3 credit hours**
- SPED 3020 - Responsive Teaching of Individuals with High Incidence Disabilities **3 credit hours**
- SPED 3030 - Applied Adolescent Developmental Variation and Assessment of Individuals with High Incidence Disabilities **4 credit hours**
- SPED 3130 - Diversity in Language and Communication **3 credit hours**
- SPED 4010 - Explicit Reading Strategies for Learners with Exceptionalities **4 credit hours**
- SPED 4180 - Pre-residency Interventionist Integrated Clinical Experience **2 credit hours**
- SPED 4240 - Methods and Techniques of Behavior Management **3 credit hours**
- SPED 4380 - Co-teaching in Inclusive Classrooms **3 credit hours**

- SPED 4550 - Data Literacy: Implementing Evidence-Based Prescriptive and Diagnostic Interventions for Struggling Learners **3 credit hours**
- SPED 4600 - Math Interventions for Learners with Exceptionalities **3 credit hours**
- SPED 4720 - Promoting Culture and Diversity in Family Professional Partnerships **3 credit hours**

### **Professional Education (39 hours)**

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- MATH 3320 - Teaching Mathematics in the Middle Grades **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
- SPED 3040 - Digital Tools and Methods in Flexible Learning Environments **3 credit hours**
- SPED 4150 - Techniques, Methods, and Materials in Special Education (Modified) **3 credit hours**
- SPED 4165 - Curriculum-Based Measurement and Progress Monitoring **3 credit hours**
- SPED 4210 - Residency I, Interventionist Integrated Clinical Experience **5 credit hours**
- SPED 4350 - Residency II, Interventionist Integrated Clinical Experience **12 credit hours**
- SPED 4370 - Transition Services and Education of Adolescents with Disabilities **3 credit hours**

### **Auxiliary Courses (17 hours)**

The following fulfill licensure requirements and may also count in General Education:

- MATH 1530 - Applied Statistics **3 credit hours**
- GEOG 2000 - Introduction to Regional Geography **3 credit hours**
- BIOL 1030 - Exploring Life **4 credit hours** AND
- BIOL 1031 - Exploring Life Lab **0 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** OR
- ENGL 2030 - The Experience of Literature **3 credit hours**
- GEOL 1030 - Introduction to Earth Science **3 credit hours** AND
- GEOL 1031 - Introduction to Earth Science Lab **1 credit hour**
- OR
- PSCI 1030 - Topics in Physical Science **4 credit hours** AND
- PSCI 1031 - Topics in Physical Science Lab **0 credit hours**

## **Recommended Curriculum: Special Education (6-12 Math Interventionist)**

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

### **Freshman**

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- 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)
- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- Mathematics (MATH 1530 recommended) **3 credit hours**
- Natural Science (2 prefixes) (BIOL 1030/1031 and PSCI 1030/1031 or GEOL 1030/1031 recommended) **8 credit hours**
- Humanities and/or Fine Arts **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)
  
- MATH 1420 - Informal Geometry **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
- SPED 3030 - Applied Adolescent Developmental Variation and Assessment of Individuals with High Incidence Disabilities **4 credit hours**
- SPED 3040 - Digital Tools and Methods in Flexible Learning Environments **3 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- Social/Behavioral Sciences (GEOG 2000 recommended) **6 credit hours**

**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: 31 hours**

### **Junior**

- SPED 3020 - Responsive Teaching of Individuals with High Incidence Disabilities **3 credit hours**
- SPED 3130 - Diversity in Language and Communication **3 credit hours**
- SPED 4010 - Explicit Reading Strategies for Learners with Exceptionalities **4 credit hours**
- SPED 4180 - Pre-residency Interventionist Integrated Clinical Experience **2 credit hours**
- SPED 4240 - Methods and Techniques of Behavior Management **3 credit hours**
- SPED 4380 - Co-teaching in Inclusive Classrooms **3 credit hours**

- SPED 4550 - Data Literacy: Implementing Evidence-Based Prescriptive and Diagnostic Interventions for Struggling Learners **3 credit hours**
- SPED 4600 - Math Interventions for Learners with Exceptionalities **3 credit hours**
- SPED 4720 - Promoting Culture and Diversity in Family Professional Partnerships **3 credit hours**
- MATH 3320 - Teaching Mathematics in the Middle Grades **3 credit hours**
- MATH 3330 - Teaching Mathematics in the Secondary Grades **3 credit hours**

**Subtotal: 33 hours**

### **Senior**

- SPED 4150 - Techniques, Methods, and Materials in Special Education (Modified) **3 credit hours**
- SPED 4165 - Curriculum-Based Measurement and Progress Monitoring **3 credit hours**
- SPED 4210 - Residency I, Interventionist Integrated Clinical Experience **5 credit hours**
- SPED 4350 - Residency II, Interventionist Integrated Clinical Experience **12 credit hours**
- SPED 4370 - Transition Services and Education of Adolescents with Disabilities **3 credit hours**

**Subtotal: 26 hours**

# Special Education (Comprehensive), B.S.

Elementary and Special Education

615-898-2321

Tom Black, program coordinator

Tom.Black@mtsu.edu

The major in Special Education requires 120 semester hours including courses which satisfy the General Education requirements. It is designed to prepare teachers in special education and will meet the Tennessee requirements for initial licensure in Special Education Comprehensive Program, K-12 (for individuals with severe/profound disabilities). A grade of "C" is required.

## Academic Map

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

### Special Education (Comprehensive), B.S., Academic Map

## Degree Requirements

<b>General Education</b>	<b>41 hours</b>
<b>Major Requirements</b>	<b>40 hours</b>
<b>Professional Education</b>	<b>39 hours</b>
<b>Auxiliary Courses</b>	<b>10 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:**

- ENGL 2020 or ENGL 2030 (Hum/FA)
- BIOL 1030/ BIOL 1031 (Nat Sci)
- GEOG 2000 (Soc/Beh Sci)

### Major Requirement (79 hours)

#### Content Major Requirements (40 hours)

- BIOL 3000 - Life Science for Elementary Teachers **4 credit hours**
- CDIS 3250 - Speech and Language Development for the Educator **3 credit hours**
- HLTH 3300 - First Aid and Safety Education **3 credit hours**
- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- MATH 1420 - Informal Geometry **3 credit hours**
- SPED 3440 - Characteristics of Low Incidence Populations (Comprehensive) **3 credit hours**
- SPED 4000 - Teaching Diverse Learners in K-8 Classrooms, (Comprehensive) **3 credit hours**
- SPED 4010 - Explicit Reading Strategies for Learners with Exceptionalities **4 credit hours**
- SPED 4080 - Pre-Residency Comprehensive Integrated Clinical Experience **2 credit hours**
- SPED 4120 - Functional Skills Instruction **3 credit hours**
- SPED 4280 - Assistive Technology in Special Education **3 credit hours**



- SPED 4370 - Transition Services and Education of Adolescents with Disabilities **3 credit hours**
- SPED 4720 - Promoting Culture and Diversity in Family Professional Partnerships **3 credit hours**

### **Professional Education (39 hours)**

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- ELED 3150 - Mathematics Methodology **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
- SPED 3040 - Digital Tools and Methods in Flexible Learning Environments **3 credit hours**
- SPED 4140 - Techniques and Strategies for Instruction in Special Education (Comprehensive) **3 credit hours**
- SPED 4240 - Methods and Techniques of Behavior Management **3 credit hours**
- SPED 4910 - Developmental Assessment **3 credit hours**
- SPED 4220 - Residency I, Special Education - Comprehensive License **5 credit hours**
- SPED 4320 - Residency II, Special Education-Comprehensive License **12 credit hours**

### **Auxiliary Courses (10 hours)**

The following fulfill licensure requirements and may also count in General Education:

- GEOG 2000 - Introduction to Regional Geography **3 credit hours**
- BIOL 1030 - Exploring Life **4 credit hours** AND
- BIOL 1031 - Exploring Life Lab **0 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** OR
- ENGL 2030 - The Experience of Literature **3 credit hours**

## **Recommended Curriculum: Special Education (Comprehensive)**

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

### **Freshman**

- BIOL 1030 - Exploring Life **4 credit hours** (Nat Sci) AND
- BIOL 1031 - Exploring Life Lab **0 credit hours** (Nat Sci)
- 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)
- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- Natural Science **4 credit hours** (choose from ASTR 1030/1031, CHEM 1010/1011, CHEM 1030/1031, CHEM 1110/1111, GEOL 1030/1031, or PSCI 1030/1031)
- MATH 1010 - Mathematics for General Studies **3 credit hours** (Math) OR (recommended)
- MATH 1710 - College Algebra **3 credit hours** (Math) (recommended)

## **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)
  
- Social/Behavioral Sciences **3 credit hours**
- Humanities and/or Fine Arts **3 credit hours**
- MATH 1420 - Informal Geometry **3 credit hours**
- BIOL 3000 - Life Science for Elementary Teachers **4 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
- SPED 3040 - Digital Tools and Methods in Flexible Learning Environments **3 credit hours**
- SPED 3440 - Characteristics of Low Incidence Populations (Comprehensive) **3 credit hours**
  
- **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: 31 Hours**

### **Junior**

- ELED 3150 - Mathematics Methodology **3 credit hours**
- CDIS 3250 - Speech and Language Development for the Educator **3 credit hours**
- GEOG 2000 - Introduction to Regional Geography **3 credit hours** (Soc/Beh Sci)
- HLTH 3300 - First Aid and Safety Education **3 credit hours**
- SPED 4000 - Teaching Diverse Learners in K-8 Classrooms, (Comprehensive) **3 credit hours**
- SPED 4010 - Explicit Reading Strategies for Learners with Exceptionalities **4 credit hours**
- SPED 4080 - Pre-Residency Comprehensive Integrated Clinical Experience **2 credit hours**
- SPED 4120 - Functional Skills Instruction **3 credit hours**
- SPED 4280 - Assistive Technology in Special Education **3 credit hours**
- SPED 4370 - Transition Services and Education of Adolescents with Disabilities **3 credit hours**
- SPED 4720 - Promoting Culture and Diversity in Family Professional Partnerships **3 credit hours**

## **Subtotal: 33 Hours**

**Senior**

- SPED 4140 - Techniques and Strategies for Instruction in Special Education (Comprehensive) **3 credit hours**
- SPED 4220 - Residency I, Special Education - Comprehensive License **5 credit hours**
- SPED 4240 - Methods and Techniques of Behavior Management **3 credit hours**
- SPED 4320 - Residency II, Special Education-Comprehensive License **12 credit hours**
- SPED 4910 - Developmental Assessment **3 credit hours**

**Subtotal: 26 Hours**

# Special Education (K-8 Interventionist), B.S.

Elementary and Special Education

615-898-2680

Zaf Khan, program coordinator

Zaf.Khan@mtsu.edu

The major in Special Education requires 120 semester hours including courses which satisfy the General Education requirements. It is designed to prepare teachers in special education and will meet the Tennessee requirements for initial licensure in Special Education K-8 Interventionist Program (for individuals with mild/moderate disabilities). A grade of "C" is required.

## Academic Map

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

### Special Education (K-8 Interventionist), B.S., Academic Map

## Degree Requirements

<b>General Education</b>	<b>41 hours</b>
<b>Major Requirements</b>	<b>40 hours</b>
<b>Professional Education</b>	<b>39 hours</b>
<b>Auxiliary Courses</b>	<b>17 hours*</b>
<b>TOTAL</b>	<b>120-137 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:**

- ENGL 2020 or ENGL 2030 (Hum/FA)
- MATH 1530 (Math)
- BIOL 1030/BIOL 1031 (Nat Sci)
- PSCI 1030/PSCI 1031 or GEOL 1030/GEOL 1031 (Nat Sci)
- GEOG 2000 (Soc/Beh Sci)

### Major Requirements (40 hours)

- BIOL 3000 - Life Science for Elementary Teachers **4 credit hours**
- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- MATH 1420 - Informal Geometry **3 credit hours**
- SPED 3020 - Responsive Teaching of Individuals with High Incidence Disabilities **3 credit hours**
- SPED 3130 - Diversity in Language and Communication **3 credit hours**
- SPED 4010 - Explicit Reading Strategies for Learners with Exceptionalities **4 credit hours**
- SPED 4100 - Advanced Reading Strategies for Learners with Exceptionalities **3 credit hours**
- SPED 4180 - Pre-residency Interventionist Integrated Clinical Experience **2 credit hours**
- SPED 4240 - Methods and Techniques of Behavior Management **3 credit hours**
- SPED 4380 - Co-teaching in Inclusive Classrooms **3 credit hours**
- SPED 4720 - Promoting Culture and Diversity in Family Professional Partnerships **3 credit hours**

- SPED 4550 - Data Literacy: Implementing Evidence-Based Prescriptive and Diagnostic Interventions for Struggling Learners **3 credit hours**
- SPED 4600 - Math Interventions for Learners with Exceptionalities **3 credit hours**

### **Professional Education (39 hours)**

- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- ELED 3150 - Mathematics Methodology **3 credit hours**
- ELED 3300 - Digital Applications for Teaching and Learning **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **3 credit hours**
- SPED 4150 - Techniques, Methods, and Materials in Special Education (Modified) **3 credit hours**
- SPED 4165 - Curriculum-Based Measurement and Progress Monitoring **3 credit hours**
- SPED 4210 - Residency I, Interventionist Integrated Clinical Experience **5 credit hours**
- SPED 4300 - Advanced Applied Behavioral Interventions and Supports **3 credit hours**
- SPED 4350 - Residency II, Interventionist Integrated Clinical Experience **12 credit hours**

### **Auxiliary Courses (17 hours)**

The following fulfill licensure requirements and may also count in General Education:

- MATH 1530 - Applied Statistics **3 credit hours**
- GEOG 2000 - Introduction to Regional Geography **3 credit hours**
- ENGL 2020 - Themes in Literature and Culture **3 credit hours** OR
- ENGL 2030 - The Experience of Literature **3 credit hours**
- BIOL 1030 - Exploring Life **4 credit hours** AND
- BIOL 1031 - Exploring Life Lab **0 credit hours**
- GEOL 1030 - Introduction to Earth Science **3 credit hours** AND
- GEOL 1031 - Introduction to Earth Science Lab **1 credit hour**  
OR
- PSCI 1030 - Topics in Physical Science **4 credit hours** AND
- PSCI 1031 - Topics in Physical Science Lab **0 credit hours**

## **Recommended Curriculum: Special Education (K-8 Interventionist)**

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

### **Freshman**

- 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)
- EESE 1010 - Teachers as Problem Solvers **2 credit hours**
- EESE 1011 - Creating Differentiated Instruction **2 credit hours**
- MATH 1410 - Concepts and Structure of Elementary School Mathematics **3 credit hours**
- Mathematics (MATH 1530 recommended) **3 credit hours**
- Natural Science (2 prefixes) (BIOL 1030/1031 and PSCI 1030/1031 or GEOL 1030/1031 recommended) **8 credit hours**
- Humanities and/or Fine Arts **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)
- HUM 2610 - Foreign Literature in Translation **3 credit hours** (Hum/FA)
  
- Humanities and/or Fine Arts **3 credit hours**
- Social/Behavioral Sciences (GEOG 2000 rec.) **6 credit hours**
- MATH 1420 - Informal Geometry **3 credit hours**
- BIOL 3000 - Life Science for Elementary Teachers **4 credit hours**
- ELED 3300 - Digital Applications for Teaching and Learning **3 credit hours**
- SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities **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**

- ELED 3150 - Mathematics Methodology **3 credit hours**
- SPED 4380 - Co-teaching in Inclusive Classrooms **3 credit hours**
- SPED 4720 - Promoting Culture and Diversity in Family Professional Partnerships **3 credit hours**
- SPED 3020 - Responsive Teaching of Individuals with High Incidence Disabilities **3 credit hours**
- SPED 3130 - Diversity in Language and Communication **3 credit hours**
- SPED 4010 - Explicit Reading Strategies for Learners with Exceptionalities **4 credit hours**
- SPED 4100 - Advanced Reading Strategies for Learners with Exceptionalities **3 credit hours**
- SPED 4180 - Pre-residency Interventionist Integrated Clinical Experience **2 credit hours**
- SPED 4240 - Methods and Techniques of Behavior Management **3 credit hours**

- SPED 4550 - Data Literacy: Implementing Evidence-Based Prescriptive and Diagnostic Interventions for Struggling Learners **3 credit hours**
- SPED 4600 - Math Interventions for Learners with Exceptionalities **3 credit hours**

**Subtotal: 33 Hours**

**Senior**

- SPED 4150 - Techniques, Methods, and Materials in Special Education (Modified) **3 credit hours**
- SPED 4210 - Residency I, Interventionist Integrated Clinical Experience **5 credit hours**
- SPED 4350 - Residency II, Interventionist Integrated Clinical Experience **12 credit hours**
- SPED 4165 - Curriculum-Based Measurement and Progress Monitoring **3 credit hours**
- SPED 4300 - Advanced Applied Behavioral Interventions and Supports **3 credit hours**

**Subtotal: 26 Hours**

# **Special Education Minor**

**Elementary and Special Education**

**Tom Black, Advisor**

**[Tom.Black@mtsu.edu](mailto:Tom.Black@mtsu.edu)**

The minor in Special Education requires 18 semester hours as recommended by an advisor in special education as assigned by the chair, Department of Elementary and Special Education.



## Early Childhood Education

### **ECE 2350 - Human Development I**

**3 credit hours** (Same as CDFS 2350 .) Child development theories. Physical, cognitive, psychosocial development of the child, conception to three years of age. Diversity issues affecting development addressed. Twelve hours observation outside of class time required.

### **ECE 3310 - Human Development (Birth to 8)**

**3 credit hours** (Same as CDFS 3310.) Physical, cognitive, psychosocial development of the child from birth to eight years of age. Diversity issues affecting development addressed. Fifteen hours observation outside of class time required.

### **ECE 4100 - Residency I: Early Childhood Education**

**9 credit hours** Prerequisites: Admission to the teacher education program; ECE 4300/ECE 4301 or ECE 4380/ECE 4381; ECE 4375/ECE 4376; ELED 3150. A field-based course in which students observe and actively work in pre-K to grade 3 classrooms. Includes mentoring from a university instructor and classroom cooperating teacher, competency modules, and problem-based learning cases to develop skills related to classroom management, assessment, supporting diverse learners, using evidence-based instructional strategies, collaborating with colleagues, and developing relationships with families.

### **ECE 4110 - Residency II: Grades Prek-3**

**12 credit hours** Prerequisite: ECE 4100. Full semester of supervised teaching experience in two placements in the public schools. Pass/Fail.

### **ECE 4300 - Preschool Practicum**

**3 credit hours** Prerequisites: ECE 4370; admission to teacher education program. Corequisite: ECE 4301. May be taken concurrently with ECE 4320; if not taken concurrently must be a prerequisite. May not be taken concurrently with ECE 4380. Advanced information and skills working with three- and four-year olds. Lab interaction with children; planning and implementation of curriculum. Three hours laboratory plus two-hour seminar per week.

### **ECE 4301 - Preschool Practicum Lab**

**0 credit hours** Corequisite: ECE 4300.

### **ECE 4320 - Assessing Young Children**

**3 credit hours** Prerequisites: ECE 3310/CDFS 3310; ECE 4300, ECE 4370, and ECE 4380 may be taken concurrently; admission to teacher education program. In-depth study of assessment and evaluation of child development and early childhood environments for the purpose of planning instructional programs and environments for young children (birth-8). Strategies for gathering and recording information about children, including families and other professionals in the assessment process, and evaluation environments emphasized. Three hours lecture/discussion.

### **ECE 4360 - Administering Early Childhood Programs**

**3 credit hours** Prerequisites: Admission to Teacher Education. Examines diverse early care and education settings and their influence on child development. Emphasis on program planning and administration in early childhood settings. One hour per week of observation required.

### **ECE 4370 - Effective Instruction (Birth-8)**

**3 credit hours** Prerequisites: ECE 2350/CDFS 2350 and ECE 3310/CDFS 3310. Knowledge and skills necessary for implementing developmentally appropriate practices in programs serving children birth to age eight.

### **ECE 4375 - Literacy in Early Childhood**

**3 credit hours** Prerequisites: ECE 4370; SPED 3010; prerequisite or corequisite: ECE 4320; admission to Teacher Education program. Corequisite: ECE 4376. Study of emergent literacy and literacy concepts, birth through grade three. Includes methods of teaching and assessing literacy in a diverse environment. Use of children's media and literature addressed. Three hours lecture plus two-hour morning experiential field placement weekly.

### **ECE 4376 - Literacy in Early Childhood Lab**

**0 hours credit** Corequisite: ECE 4375.

### **ECE 4377 - Literacy in Early Childhood II**

**3 credit hours** Prerequisite: ECE 4375. Enhances use of evidence-based literacy

instruction and assessment practices on reading and writing for young children (birth to 8 years old). Provides a more in-depth method of teaching and assessing literacy after the completion of ECE 4375. Includes 24 hours of field experience with children birth to 8 years old.

**ECE 4380 - Infant and Toddler Practicum**

**3 credit hours** Prerequisites: ECE 4370; admission to teacher education program. Corequisite: ECE 4381. May be taken concurrently with ECE 4320; must be a prerequisite if not taken concurrently. May not be taken concurrently with ECE 4300. Advanced knowledge and skills for working with infants and toddlers (birth-3). Lab participation involving interactions with children as well as planning and implementing curriculum required. A three-hour laboratory and a two-hour seminar per week.

**ECE 4381 - Infant and Toddler Practicum Lab**  
**0 credit hours** Corequisite: ECE 4380 .

## Elementary Education

**ELED 1001 - Becoming a Paraprofessional Literacy Tutor**

**1 credit hour** Overview of the effective components of literacy tutoring. Six modules cover the important aspects of literacy instruction as defined by the Common Core Standards. Modules will be delivered in an online format while instructional practice will take place in onsite sessions. Offers preparation to individuals without an educational background to deliver high quality literacy instruction.

**ELED 3000 - The Contemporary Classroom through the Lens of Diversity**

**3 credit hours** Corequisite: ELED 3100. Prerequisite: Acceptance into the teacher education program. Provides a foundation for teaching for social justice and equity. A field-based component included.

**ELED 3100 - Experiencing Elementary Education**

**1 credit hour** Corequisite: ELED 3000. Prerequisite: Admission to Teacher Education. Field-based course that builds upon previous experiences and coursework. Students will implement content pedagogical strategies into

teaching as well as other field experiences in elementary schools.

**ELED 3150 - Mathematics Methodology**

**3 credit hours** Prerequisites: Admission to teacher education program; General Education math; MATH 1410 and MATH 1420. Offers preparation to pre-service elementary and middle school teachers for teaching mathematics. Field-based experiences required.

**ELED 3300 - Digital Applications for Teaching and Learning**

**3 credit hours** Prerequisite: Admission to Teacher Education program. Designed to better prepare teacher candidates specifically in the areas of emerging technologies and how best to utilize them for teaching and learning. Explores characteristics of digital age learners, creation and application of emerging technologies, digital communication strategies, safe use of information, and technology integration within the curriculum that enhances the learning environment.

**ELED 3400 - Teaching Science and Social Studies through Literacy**

**3 credit hours** Prerequisites: Admission to Teacher Education; PSCI 4030 or BIOL 3000. Corequisite: READ 4015. Teacher candidates introduced to issues and trends that influence the areas of science, social studies, and English language arts (ELA) as well as methods, techniques, strategies, and materials that will enable them to integrate and teach these content areas successfully. Explores these topics via lecture, investigations (problem-based learning projects and scientific inquiry), lab, and field experiences in local elementary schools.

**ELED 4070 - Writing to Learn**

**2 credit hours** Corequisites: ELED 4350 and READ 4130. Familiarizes teacher candidates with writing-to-learn techniques that can be used across the curriculum to assist students in thinking and processing new and existing knowledge.

**ELED 4110 - Directed Teaching, Grades K-8**

**12 credit hours** Prerequisite: Permission of department. Full-day supervised teaching experience of 15 weeks duration in a public school classroom. Pass/Fail.

### **ELED 4130 - Academic Interventions for Elementary School Learners**

**3 credit hours** Prerequisites: Permission of department; admission into Residency I coursework. Corequisites: ELED 4350, ELED 4340, and ELED 4200. Designed to better prepare teacher candidates specifically in the areas of academic success for all learners, differentiated instruction, assessment, and intervention frameworks such as RTI<sub>2</sub>. Teacher candidates must be officially admitted into the K-5 Residence I program and will work with elementary students at a local school.

### **ELED 4200 - Assessing the Elementary Level Learner**

**3 credit hours** Prerequisites: Permission of department; admission to Residency I semester. Corequisites: ELED 4130, ELED 4340, and ELED 4350. Integrates elementary level content with classroom and standardized assessments to enable the planning, design, and implementation of assessment driven instruction.

### **ELED 4260 - Problems in Elementary Education**

**1 to 3 credit hours** Prerequisite: Permission of department. A problem-oriented course, on or off campus, planned and designed for individuals, a school faculty, school system, or other professional groups, which will provide opportunities for in-service education related to assessed needs. Credit toward an undergraduate degree will be limited to six semester hours.

### **ELED 4340 - Managing Learning Environments**

**3 credit hours**  
Prerequisite: Admission to teacher education program. Familiarizes teacher candidates with classroom management strategies.

**NOTE: Students must select a specific Residency I section and sign up for all corresponding classes in that particular section. Classes may not be selected from multiple sections.**

### **ELED 4350 - Theory to Practice**

**6 credit hours**  
Prerequisite: Admission to Teacher Education program; ELED 4130, ELED 4200, and ELED 4340. Strategies and techniques for guiding the learning of elementary school children.

Development and use of materials in elementary classrooms with emphasis on explanation and experimentation. Laboratory work and weekly seminar.

**NOTE: Students must select a specific Residency I section and sign up for all corresponding classes in that particular section. Classes may not be selected from multiple sections.**

### **ELED 4410 - Effective Instruction: Integrating Social Studies and Assessment**

**4 credit hours**

Prerequisite: Admission to teacher education program. Familiarizes teacher candidates with classroom management strategies:4-8, best practices of social studies instruction, and the integration of both with classroom and standardized assessments to enable the planning, design, and implementation of a standards-based social studies curriculum.

**NOTE: Students must select a specific Residency I section and sign up for all corresponding classes in that particular section. Classes may not be selected from multiple sections.**

## **Elementary, Early, and Special Education**

### **EESE 1010 - Teachers as Problem Solvers**

**2 credit hours** Introduces teaching as a profession using problem-based learning, educational case problems, and collaborative learning teams. Five hours field experience.

### **EESE 1011 - Creating Differentiated Instruction**

**2 credit hours** Prerequisite: EESE 1010; cannot be taken concurrently with EESE 1010. Content provides knowledge, skills, and dispositions associated with effective teaching and learning. Incorporates five hours field experience.

## **Middle Level Education**

### **MLED 2000 - Characteristics of the Middle Level Learner**

**3 credit hours** Prerequisites: EESE 1010 and EESE 1011. Reflects on the early adolescent learner while focusing on the student-centered

school environment and a well-balanced curriculum.

### **MLED 3100 - Experiencing Middle Level Education I**

**1 credit hour** Prerequisites: EESE 1010 and EESE 1011. Field-based course introduces students to middle level schools and environments. Students will be immersed in the structures and philosophy of middle level education.

### **MLED 3110 - Experiencing Middle Level Education II**

**2 credit hours** Corequisite: MLED 4000. Field-based course which builds upon experiences begun in MLED 3100. Students will implement content pedagogical strategies into middle level placements.

### **MLED 3300 - Instructional Technology in Middle Level Education**

**3 credit hours** Examines rationales, methods, and technology practices related to adolescents in grades 6-8. Each teacher candidate will use digital tools to explore, communicate, collaborate, and learn from the rich and varied resources available.

### **MLED 4000 - Methods of Teaching Middle Level Learners**

**3 credit hours** Prerequisite: Admission to Teacher Education. Corequisite: MLED 3110. Focuses on curriculum integration as well as methods identified as best practice in middle level education. Includes a field experience.

### **MLED 4200 - Assessing the Middle Level Learner**

**3 credit hours** Prerequisite: MLED 4000. The integration of middle level content with classroom and standardized assessments to enable the planning, design, and implementation of assessment driven instruction.

### **MLED 4340 - Managing Middle Level Learning Environments**

**3 credit hours** Prerequisite: MLED 4000. Introduces middle level teacher candidates to classroom and instructional strategies that are effective in building, adjusting, and maintaining an effective classroom learning environment.

### **MLED 4350 - Theory to Practice in Middle Level Education**

**6 credit hours** Strategies and techniques of guiding the learning of middle level students. The development and use of materials in the middle school classroom with emphasis on explanation and experimentation. Majority of the course is field work with accompanying seminars.

### **MLED 4995 - Directed Teaching in Middle Level Education**

**12 credit hours** Prerequisites: Completion of all coursework. Supervised experience requires full-day placement in a middle level school setting. Extended teaching and evaluation of teacher candidate preparation for teaching is required. Admission requirements for Residency II, including completion of all program coursework, must be met for enrollment.

## **Reading**

### **READ 1000 - Reading Skills Enrichment**

**3 credit hours** Prerequisite: Admission based on placement testing or permission of the instructor. Development of reading skills necessary for comprehending academic texts. Customized curriculum in laboratory setting. Does not count for General Education credit. Four instructional hours.

### **READ 3340 - Teaching Reading in the Secondary School**

**3 credit hours** Prerequisite: Admission to teacher education. Materials, methods, and techniques for teaching reading at the secondary level, including clinical laboratory experiences. Designed for teachers of language arts.

### **READ 4015 - Language and Literacy**

**6 credit hours** Prerequisite: Admission to teacher education. Introduces various strategies and techniques for teaching reading and writing in the elementary school.

### **READ 4035 - Language and Literacy in the Middle Grades**

**6 credit hours** Prerequisites: Admission to teacher education. Introduces various strategies and techniques for teaching and assessing literacy in the middle school.

**READ 4130 - Corrective Reading****3 credit hours**

Prerequisites: Admission to teacher education program; READ 4015 or READ 4035. Diagnostic skills needed to identify specific reading problems found in typical K-8 classrooms and processes needed to resolve the difficulties.

**NOTE: Students must select a specific Residency I section and sign up for all corresponding classes in that particular section. Classes may not be selected from multiple sections.**

**READ 4460 - Teaching Reading in the Content Areas**

**3 credit hours** Prerequisite: Admission to teacher education. Emphasis on the teaching of reading in content subjects, such as mathematics, science, and social studies in upper elementary, middle, and secondary schools. Specific suggestions for activities and lesson strategies included.

**Special Education****SPED 3010 - Characteristics and Teaching of Learners with Exceptionalities**

**3 credit hours** An introduction to the exceptional learner. Examines the history, principles, and legal requirements as well as the diverse characteristics and learning styles of exceptional learners. Discusses differentiated teaching strategies in both inclusive and skill-based environments. Multicultural diversity, normalization, and integration addressed. (Required for all individuals who major in Special Education-Interventionist K-8, Special Education-Comprehensive, and Interdisciplinary Studies for state licensure; and students seeking a minor in Special Education.

**SPED 3020 - Responsive Teaching of Individuals with High Incidence Disabilities**

**3 credit hours** Prerequisite: SPED 3010. An in-depth study that focuses on the cognitive, academic, social, and emotional characteristics of learners with high incidence disabilities. Laws and regulations regarding Response to Intervention (RTI) and inclusive practices in the least restrictive environment (LRE) thoroughly discussed; development of an Individualized Education Program (IEP) introduced.

Differentiated instruction techniques offered for a variety of classroom settings.

**SPED 3030 - Applied Adolescent Developmental Variation and Assessment of Individuals with High Incidence Disabilities**

**4 credit hours** Prerequisite: SPED 3010. Comprehensive overview of the atypical development of students with high incidence disabilities. Topics include neurological impairment, behavioral development, medication side effects, physical characteristics and social relationships. Through application of knowledge, candidates will create a developmental profile after assessing a student in these areas: social, affective, biological, physical, and psychological.

**SPED 3040 - Digital Tools and Methods in Flexible Learning Environments**

**3 credit hours** Prerequisite: SPED 3010. Focuses on Universal Design for Learning (UDL); assessing learning strengths, preferences, interests, and needs; and providing students with exceptionalities a variety of digital methods and tools that may be used to further their learning in flexible learning environments. Discusses a variety of digital, interactive tools that can be used for a whole inclusive class, small group, or one-on-one instruction.

**SPED 3130 - Diversity in Language and Communication**

**3 credit hours** Prerequisite: SPED 3010. (SPED 3010 cannot be taken concurrently with SPED 3130.) Examines language development from birth to adolescence and difficulties that can occur in individuals with exceptionalities. Strategies to overcome speech difficulties and language barrier deficits also discussed.

**SPED 3430 - Characteristics of High Incidence Populations (Modified)**

**3 credit hours** Prerequisite: SPED 3010; major in Special Education or permission of department. In-depth study of characteristics, needs, and etiology of learners with high incidence disabilities in appropriate classroom settings.

**SPED 3440 - Characteristics of Low Incidence Populations (Comprehensive)**

**3 credit hours** Prerequisite: SPED 3010; major in Special Education or permission of

department. In-depth study of characteristics, needs, and etiology of learners with low incidence disabilities in appropriate classroom settings.

**SPED 4000 - Teaching Diverse Learners in K-8 Classrooms, (Comprehensive)**

**3 credit hours** Prerequisite: Admission to teacher education program or permission of the department. Develops strategies and methods for teaching reading, math, and writing skills to students with exceptionalities in grades K-8.

**SPED 4010 - Explicit Reading Strategies for Learners with Exceptionalities**

**4 credit hours** Delves into the methods and materials used to remediate reading skill deficits in elementary and middle school settings. Basic diagnostic measures to assess reading progress examined as well as the etiology and implications of related theory and research.

**SPED 4080 - Pre-Residency Comprehensive Integrated Clinical Experience**

**2 credit hours** Prerequisites: Admission to Teacher Education Program; SPED 3010, SPED 3440, and SPED 4000 or SPED 4120. Field-based course that builds upon experiences begun in earlier required SPED courses. Implements content pedagogical strategies for students with severe disabilities in school or community settings.

**SPED 4100 - Advanced Reading Strategies for Learners with Exceptionalities**

**3 credit hours** Prerequisites: SPED 3010, SPED 3020, and SPED 4010; admission to Teacher Education program. Focuses on advanced forms of assessment, data collection, and instruction. Discusses a variety of evidence-based programs that tailor to specific skill deficits as well as different tools and methods that may be used to monitor student progress. Candidates will determine when it is appropriate to modify student placement based on gathered evidence and observations.

**SPED 4120 - Functional Skills Instruction**

**3 credit hours** Prerequisites: Admission to teacher education program; SPED 3010 and SPED 3440. Development of skills in planning and implementing programs for learners with low

incidence disabilities including techniques and strategies in practical applications.

**SPED 4140 - Techniques and Strategies for Instruction in Special Education (Comprehensive)**

**3 credit hours** Prerequisites: Admission to teacher education; Residency I; SPED 3010, SPED 3440, and SPED 4120. Corequisite: SPED 4220. A practical application of techniques and strategies for teaching learners with low incidence disabilities. Includes teaching technique, theories and approaches, data collection, and environmental management.

**SPED 4150 - Techniques, Methods, and Materials in Special Education (Modified)**

**3 credit hours** Prerequisites: Admission to Teacher Education; Residency I; SPED 3010 and SPED 3430. The practical application of special education techniques and methods for teaching learners with low incidence disabilities. Includes curriculum planning, methods and materials, data collection, and environmental management for learners with low incidence disabilities.

**SPED 4160 - Educational Assessment of Exceptional Learners**

**3 credit hours** Prerequisite: Admission to teacher education; Residency I. Selection and administration of standardized tests and subtests for the specific purpose of planning an effective instructional program. Includes information gathering techniques, evaluation of this information in selection of tests, and interpretation of information and test scores.

**SPED 4165 - Curriculum-Based Measurement and Progress Monitoring**

**3 credit hours** Prerequisite: SPED 4550; admission to Teacher Education program. Incorporates a theory-, practice-, and application-based conceptual framework that introduces regular progress monitoring strategies. Students will interpret standardized assessments, make educational decisions based on quantitative and qualitative data, and understand how to conduct curriculum-based assessment, instruction, accommodations, and monitoring student progress.

**SPED 4170 - Strategic Teaching and Learning in Secondary Education (Modified)**

**3 credit hours** Prerequisites: Admission to teacher education program; SPED 3010 and SPED 3430. Learning strategies instruction and the use of content enhancement routines in inclusive settings with diverse learning populations. Includes metacognitive strategies, development, and application of strategic instruction.

**SPED 4180 - Pre-residency Interventionist Integrated Clinical Experience**

**2 credit hours** Prerequisites: SPED 3010; admission to Teacher Education program. Corequisites: SPED 3020, SPED 3130, and SPED 4010 (two of the three offered courses must be taken concurrently). Field-based course which builds upon experiences begun in SPED 3010 and SPED 4380. Students will implement content pedagogical strategies into both inclusive and resource classroom settings.

**SPED 4210 - Residency I, Interventionist Integrated Clinical Experience**

**5 credit hours** Prerequisites: SPED 4180; admission to Teacher Education. Corequisites: SPED 4100, SPED 4240, and SPED 4600. Participation in the resource room or inclusive classroom setting with students with mild disabilities. Weekly seminar attendance and participation required.

**SPED 4220 - Residency I, Special Education - Comprehensive License**

**5 credit hours** Prerequisites: Admission to teacher education program, ELED 3150, READ 4015, SPED 4120, SPED 4160, SPED 4380, and SPED 4140. Participation in the self-contained or inclusive classroom setting with students with severe disabilities. Weekly seminar attendance and participation required.

**SPED 4240 - Methods and Techniques of Behavior Management**

**3 credit hours** Prerequisites: Admission to teacher education; Residency I; SPED 3010, SPED 3430, and SPED 3440. An overview of various approaches to behavior management and their application in a variety of environments.

**SPED 4250 - Education in the Affective Domain**

**3 credit hours** Prerequisites: Admission to teacher education program or permission of department; SPED 3010 and SPED 3430. Origins of emotional/social problems in learners with disabilities and strategies for promoting positive social/emotional outcomes for these learners in schools.

**SPED 4260 - Problems in Special Education**

**1 to 3 credit hours** A problem-oriented course, on or off campus, planned and designed for individuals, a school faculty, school system, or other professional groups. Will provide opportunities for pre-or in-service education related to assessed needs.

**SPED 4280 - Assistive Technology in Special Education**

**3 credit hours** Prerequisites: SPED 3010, SPED 3430 or SPED 3440, and admission to teacher education program or permission of department. Technology--low tech and high--and how it applies to the needs of school-aged learners with disabilities. Assessing and supporting these needs through the delivery of assistive technology.

**SPED 4300 - Advanced Applied Behavioral Interventions and Supports**

**3 credit hours** Prerequisites: SPED 4240; admission to Teacher Education program. Study of modifying student behavior using techniques of applied behavior analysis in a variety of educational settings. Candidates will research and discuss multiple techniques that improve behaviors in various environments. Positive reinforcement; evidence-based, progress-monitoring tools; and assessment methods emphasized.

**SPED 4320 - Residency II, Special Education- Comprehensive License**

**12 credit hours** Full-day supervised teaching experience of 15 weeks duration in a public school setting. Pass/Fail.

**SPED 4350 - Residency II, Interventionist Integrated Clinical Experience**

**12 credit hours** Prerequisites: SPED 4210; admission to Teacher Education program. Full-

day supervised teaching experience of 15 weeks duration in a public school setting. Pass/Fail.

**SPED 4360 - Directed Teaching in Special Education (Speech and Hearing)**

**12 credit hours** Full-day supervised teaching experience of 15 weeks duration in a public school setting. Pass/Fail.

**SPED 4370 - Transition Services and Education of Adolescents with Disabilities**

**3 credit hours** Prerequisites: SPED 4180; admission to Teacher Education program. Transition services and when and how they are provided for adolescents with disabilities. Transition assessment, planning, and goal setting discussed as well as a variety of transition services available to students both in and out of the classroom setting.

**SPED 4380 - Co-teaching in Inclusive Classrooms**

**3 credit hours** Prerequisites: Admission to teacher education program or permission of department; SPED 3010. SPED 3020 may be taken concurrently. Collaborative and co-teaching models and how to implement them in the inclusive classroom. Emphasizes RTI, collaborative teaching, differentiated instruction, explicit teaching, the affective domain, and accommodations and modifications. Aspects of the CSEFEL model integrated throughout the course. Students develop an understanding of differing educational theories and expand upon them to create their own educational philosophies.

**SPED 4510 - Teaching Internship, Special Education**

**9 credit hours** Supervised teaching available only for those with at least one year of paid teaching experience in the major in which endorsement is sought. Applicants must meet all prerequisites for student teaching in Special Education. Pass/Fail.

**SPED 4550 - Data Literacy: Implementing Evidence-Based Prescriptive and Diagnostic Interventions for Struggling Learners**

**3 credit hours** Prerequisites: SPED 3010 and SPED 3020; admission to Teacher Education program. Explores evidence-based practice and guides candidates in utilizing multiple avenues of diagnostic, prescriptive data in order to refine instruction, determine educational placement, and determine which evidence-based interventions are most appropriate to be implemented to meet specific skill deficits.

**SPED 4600 - Math Interventions for Learners with Exceptionalities**

**3 credit hours** Prerequisites: MATH 1410, MATH 1420, MATH 1530, and ELED 3150. May be taken with SPED 4180. Transitions students from looking at whole group math instruction to intense intervention strategies in mathematics. Students will engage in diagnosis, remediation strategies, progress monitoring, and culminating assessments. Has a large field component integrated into SPED 4180.

**SPED 4720 - Promoting Culture and Diversity in Family Professional Partnerships**

**3 credit hours** Prerequisites: SPED 3010 and SPED 3440 or SPED 3430; admission to Teacher Education program. Understanding the various aspects of culture and diversity in meeting the needs of parents and families of children with special needs. Presents strategies and techniques for educators and professionals to collaborate and work effectively with parents and care providers.

**SPED 4910 - Developmental Assessment**

**3 credit hours** Prerequisite: Admission to Teacher Education Program and Residency I. Corequisite: SPED 4220. A study of evaluative and diagnostic instruments and procedures used with Learners with Multiple Disabilities.