This curriculum is offered for the student working toward an Associate of Science degree in General Studies from Bevill State Community College who intends to continue studies toward the Bachelor of Arts degree in Education with The University of Mississippi.

**Freshman/Sophomore courses available at Bevill State Community College**

### Core Curriculum

1. **First Year Writing/English Composition**  
   - WRIT 101/102 (ENGL 101/102)  
   - **Bevill State**: ENG 101 (English Composition I)  
   - **Bevill State**: ENG 102 (English Composition II)  
   - **6 hours**

2. **Social and Behavioral Sciences (9 hours)**  
   - **General Psychology I**  
   - **Bevill State**: PSY 200 (General Psychology I)  
   - **3 hours**

3. **History**  
   - **Bevill State**: HIS 121 (Survey Of World Civilization I)  
   - **Bevill State**: HIS 120 (Survey of World Civilization II)  
   - **Bevill State**: HIS 201 (Survey of the United States to 1877)  
   - **Bevill State**: HIS 202 (Survey of the United States since 1877)  
   - **6 hours**

4. **Mathematics and Sciences (15 hours)**  
   - **MATH 121 College Algebra or more advanced**  
   - **Bevill State**: MTH 112 (Precalculus Algebra)  
   - **Bevill State**: MTH 120 (Calculus and it’s Applications)  
   - **Bevill State**: MTH 125 (Calculus I)  
   - **3 hours**  
   - **Physical Science with laboratory (Physics, Astronomy, or Physical Science II)**  
   - **Bevill State**: AST 220 (Astronomy and Astronomy Lab)  
   - **Bevill State**: PHY 201 (General Physics I)  
   - **Bevill State**: PHY 202 (General Physics II)  
   - **4 hours**  
   - **Biological Science with laboratory**  
   - **Bevill State**: BIO 103 (Principles of Biology I)  
   - **Bevill State**: BIO 104 (Principles of Biology II)  
   - **Bevill State**: BIO 201 (Human A & P I)  
   - **Bevill State**: BIO 202 (Human A & P II)  
   - **4 hours**
Science Elective (Geology, Chemistry, or Physical Science I) 4 hours

Bevill State- CHM 104 Introduction to Inorganic Chemistry
Bevill State- CHM 105 Introduction to Organic Chemistry
Bevill State- CHM 111 College Chemistry I
Bevill State- CHM 112 College Chemistry II
Bevill State- PHY 120 Introduction to Physics
Bevill State- PHS 111 Physical Science I

Humanities and Fine Arts (15 hours)

American, English, or World Literature 6 hours

Bevill State- ENG 251 American Literature I
Bevill State- ENG 252 American Literature II
Bevill State- ENG 261 British Literature I
Bevill State- ENG 262 British Literature II
Bevill State- ENG 271 World Literature I
Bevill State- ENG 272 World Literature II

Fine Arts -- fine arts history and/or appreciation of art, music, or theater 3 hours

Bevill State- ART 100, 103, 203 Art Appreciation
Bevill State- MUS 101 Music Appreciation
Bevill State- THR 120 Theater Appreciation

Humanities – Social Studies majors should select an additional history 3 hours

Bevill State- HIS 121, 122, 201, 202
Bevill State- ENG 251, 252, 261, 262, 271, 272
Bevill State- SPA 101, 102, 201, 202
Bevill State- PHL 106, 206, REL 151, 152

Content Area--Required Lower Division Courses - 12 hours

MATH 261 Calculus I (with minimum grade of “C”) 3 hours
MATH 262 Calculus II (with minimum grade of “C”) 3 hours
MATH 263 Calculus III (with minimum grade of “C”) 3 hours
MATH 264 Calculus IV (available online after transfer to UM-Tupelo) 3 hours

Bevill State- MTH 125 Calculus I (4 hours)
Bevill State- MTH 126 Calculus II (4 hours)
Bevill State- MTH 227 Calculus III (4 hours)

Lower Division Related Field - 3 hours

CSCI 111 Computer Programming I 3 hours

Bevill State- To be determined

** Students may use content area courses to satisfy core requirements and may take extra hours of electives.

IMPORTANT NOTES
REGARDING UNIVERSITY PARALLEL TRANSFER CREDITS: Please know that there are other transferrable courses from Southwest Tennessee Community College that will satisfy some of the requirements above. These particular courses are recommended so that a student might complete an AS degree through Southwest with courses that will fulfill Southwest’s General Education Program as well as transfer to The University of Mississippi.

REGARDING REQUIRED TEST SCORES: The University of Mississippi-Tupelo strongly recommends that students provide test scores before transferring and especially if applying for scholarships. Passing scores for the Praxis I PPST (Reading – 172 Writing – 173 Math – 172) or an appropriate ACT score (at least 21 composite with no subtest scores lower than 18) or SAT score (860 composite) are required for admission into the Teacher Education Program (TEP) and for most Education scholarships. Please visit the Praxis website at http://www.ets.org/praxis and see your academic counselor for more information.
Junior and Senior Level Curriculum
Secondary Education – Mathematics Education
Junior level Professional Courses and Senior level Content Courses
available from The University of Mississippi-Tupelo

Content Area–Required Upper Division - 24 hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 301</td>
<td>Discrete Mathematics (prerequisite is Math 261: Unified Calculus &amp; Analytic Geometry I*)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 305</td>
<td>Foundations of Mathematics (prerequisite is Math 262: Unified Calculus &amp; Analytic Geometry II*)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 319</td>
<td>Introduction to Linear Algebra (prerequisite is Math 262: Unified Calculus &amp; Analytic Geometry II*)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 375</td>
<td>Introduction to Statistical Methods (prerequisite is Math 261: Unified Calculus &amp; Analytic Geometry I*)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 390</td>
<td>Techniques in Teaching Secondary Level Mathematics (TEP Mathematics Ed. majors only)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 425</td>
<td>Introduction to Abstract Algebra (prerequisite is Math 263: Unified Calculus &amp; Analytic Geometry III*)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 533</td>
<td>Topics in Euclidean Geometry (prerequisite is Math 305: Foundations of Mathematics*)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 540</td>
<td>History of Mathematics (prerequisite is Math 305: Foundations of Mathematics*)</td>
<td>3</td>
</tr>
</tbody>
</table>

*All prerequisite courses require a minimum grade of “C.”

Upper Division Related Field - 3 hours

EDCI 557   Computers in Education                         3 hours

(a “C” grade or higher is required for related fields)

Electives – 12 hours
(Students who use content classes to satisfy core courses may need more to assure 122 semester hour graduation requirement)

<table>
<thead>
<tr>
<th>Department</th>
<th>Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Professional Education

Background Checks. All candidates in the School of Education must have a background check performed prior to beginning field experiences. Students may go to [http://education.olemiss.edu/safe/background_check.html](http://education.olemiss.edu/safe/background_check.html) to begin the background check process. A fee of $40 will be charged to the candidate. Only one background check is required while in the teacher education program. However, if a candidate is not enrolled at the University of Mississippi for more than one calendar year, a second background check will be required. If a background check reveals a criminal history, the candidate may not be allowed to participate in field experiences, which means he/she will not be able to complete the program.

Admission to Phase I of the Teacher Education Program (TEP)

Candidates can enter Phase I: Core Curriculum as an incoming freshman or by transferring with a minimum 2.5 GPA. Criteria for admission into phases two and three are described below.

Junior Level Phase I TEP Elementary Education Courses and Required Field Experiences (some Day Schedule)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDCI 352</td>
<td>Education, Society, and the K-12 Learners</td>
<td>3</td>
</tr>
<tr>
<td>EDSP 308</td>
<td>Introduction to Special Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Admission to Phase II of the Teacher Education Program (TEP)

1. Completion of Core curriculum and EDCI 352.
2. GPA of 2.75 or higher.
3. Appropriate scores on Praxis I, SAT, or ACT scores.
4. Must maintain a “C” or better in all professional education and general education courses.
5. EDCI 352 must be completed with a “C” or better to enroll in EDCI 353.

Junior Level Phase II TEP Elementary Education Courses and Required Field Experiences (some Day Schedule)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*EDCI 353</td>
<td>Effective Classroom Practice (30 hours field experience)</td>
<td>3</td>
</tr>
<tr>
<td>*EDSP 327</td>
<td>Nature and Needs with Mild/Moderate Disability (field experience TBA)</td>
<td>3</td>
</tr>
</tbody>
</table>
*Requires official admission to Phase II of the Teacher Education Program

Fall, Senior Year – Phase II TEP Mathematics Education – Oxford Campus and Field Experience (Day Schedule)

Candidates in secondary education are required to complete 40 hours of field experience this semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EDSE 400</strong></td>
<td>Principles of Education (40 hours field experience)</td>
<td>3</td>
</tr>
<tr>
<td><strong>EDSE 445</strong></td>
<td>Special Methods I: Mathematics (Oxford Campus)</td>
<td>3</td>
</tr>
</tbody>
</table>
**Requires completion of EDCI 353 and official admission to Phase II of the Teacher Education Program.

Admission to Phase III of the Teacher Education Program (TEP) – Student Teaching

1. Admission to Phase II: Professional Education Track
2. A minimum grade of “C” in professional education courses. If this minimum of “C” is not met, the course(s) must be retaken before enrolling in the next level of professional education courses.
3. Completion of all courses in the teaching field with a minimum grade of “C”.
4. Completion of 15 hours in residency at the University of Mississippi (includes Tupelo & DeSoto campuses)
5. Completion of courses taken by correspondence for admission to student teaching. The grade must be on file prior to admissions.
6. Evidence of professional liability insurance

Spring, Senior Year - Phase III TEP Mathematics Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><em><strong>EDLE 480</strong></em></td>
<td>Student Teaching: Secondary Education</td>
<td>9</td>
</tr>
<tr>
<td><em><strong>EDCI 419</strong></em></td>
<td>Introduction to Classroom Management and Assessment Practices</td>
<td>3</td>
</tr>
</tbody>
</table>
(EDEL 519 will not substitute for this class)
***Requires completion of EDSE 400 and EDSE 445 and official admission to Phase III of the TEP.

General Requirements for Completing the B. A. E. in Mathematics Education:

1. At least 122 semester hours
2. At least 30 semester hours of residence credit in School of Education
   (includes The University of Mississippi – Tupelo, DeSoto, Booneville, and Grenada)
3. Not more than 33 semester hours of correspondence and extension credit
4. Not more than 61 semester hours of transfer credit from community college to be applied toward the degree.