

**PETREE COLLEGE OF ARTS & SCIENCES**  
**Four Year Plan (124 CHs total) \***  
**Bachelor of Science (B.S.) in EDUC in Mathematics Degree**

**GENERAL EDUCATION 25.26**

First Year – Fall Semester	✓	First Year – Spring Semester	✓
Calculus and Analytic Geometry I (MATH 2004)	<input type="checkbox"/>	Calculus and Analytic Geometry II (MATH 2104)	<input type="checkbox"/>
Foundations of Mathematics (MATH 2403)	<input type="checkbox"/>	Human Development (EDUC 3103)	<input type="checkbox"/>
Introduction to Teaching (EDUC 2001)	<input type="checkbox"/>		
<b>English Composition I (ENGL 1113)</b>	<input type="checkbox"/>	<b>English Composition II (ENGL 1213)</b>	<input type="checkbox"/>
<b>General education course</b>	<input type="checkbox"/>	<b>General education course(s)</b>	<input type="checkbox"/>
<u>Total: 15-16 CHs</u>		<u>Total: 15-16 CHs</u>	
Second Year – Fall Semester	✓	Second Year – Spring Semester	✓
Calculus and Analytic Geometry III (MATH 3403)	<input type="checkbox"/>	Algebraic Structures (MATH 3103)	<input type="checkbox"/>
Psych & Assessment of Learning (EDUC 3113)	<input type="checkbox"/>	Linear Algebra (MATH 3003)	<input type="checkbox"/>
		Students with Exceptionalities (EDUC 3213)	<input type="checkbox"/>
<b>General education course(s)</b>	<input type="checkbox"/>	<b>General education course(s)</b>	<input type="checkbox"/>
<u>Total: 15-16 CHs</u>		<u>Total: 15-16 CHs</u>	
Third Year – Fall Semester	✓	Third Year – Spring Semester	✓
Real Analysis I (MATH 3603)	<input type="checkbox"/>	Elective (MATH 3000+, CSCI, PHYS)	<input type="checkbox"/>
Methods of Teaching Science (EDUC 4433)	<input type="checkbox"/>	Classroom Management (EDUC 4513)	<input type="checkbox"/>
<b>General education course(s)</b>	<input type="checkbox"/>	<b>General education course(s)</b>	<input type="checkbox"/>
<b>Courses toward Minor</b>	<input type="checkbox"/>	<b>Courses toward Minor</b>	<input type="checkbox"/>
<u>Total: 15-16 CHs</u>		<u>Total: 15-16 CHs</u>	
Fourth Year – Fall Semester	✓	Fourth Year – Spring Semester	✓
Technology in the Classroom (EDUC 4413)	<input type="checkbox"/>	Capstone (MATH 4993)	<input type="checkbox"/>
Student Teaching Seminar (EDUC 4663)	<input type="checkbox"/>	Student Teaching Seminar (EDUC 4663)	<input type="checkbox"/>
<b>General education course(s)</b>	<input type="checkbox"/>	<b>General education course(s)</b>	<input type="checkbox"/>
<b>Courses toward Minor</b>	<input type="checkbox"/>	<b>Courses toward Minor</b>	<input type="checkbox"/>
<u>Total: 15-16 CHs</u>		<u>Total: 15-16 CHs</u>	

<b>&amp; MINOR in:</b>	
Courses	CHs

\_\_\_\_\_  
 Advisor Signature      MM DD YYYY

\_\_\_\_\_  
 Student Signature      MM DD YYYY

\* Specific course offerings may vary dependent upon enrollment and faculty availability; courses may not fall in the exact semester listed above.  
 \*\* This template, of 15-16 CHs per semester, with a 124 CHs total (some dedicated to the Major and some dedicated to General Education), will result in a 4-year degree completion.  
 \*\*\* Example Math electives: Discrete Mathematics (MATH 3503)      Numerical Methods (MATH 3703)  
    Ordinary Differential Equations (MATH 3303)      Probability and Statistics I (MATH 3203)

\*\*\*\* Prerequisite Courses (Intermediate Algebra, College Algebra and Trig.) do not count toward the major and some may be waived upon completion of higher level math courses

Requirements:	BS	BA								
<input type="checkbox"/> English Composition I (ENGL 1113)	3									
<input type="checkbox"/> English Composition II (ENGL 1213)	3									
<input type="checkbox"/> The Bible and Culture (REL 1003) <b>OR</b> Introduction to World Religions (REL 1513)	3									
<input type="checkbox"/> Literature: World (ENGL 2603) <b>OR</b> Western (ENGL 2103) <b>OR</b> British (ENGL 2403, 2413, 2703) <b>OR</b> American (ENGL 2713, 2813) <b>OR</b> Honors Seminar in Ethics & Lit (ENGL/PHIL 2004H)	3									
<input type="checkbox"/> Fine Arts (Any ART, FILM, MUS, THRE, DANC, INDP 1013, ENGL 2123)	3									
<input type="checkbox"/> Philosophy/Ethics (PHIL/REL 2163, 2213, 2313, 2413, 2613, 2703 <b>OR</b> PHIL/PHRH 2513 <b>OR</b> MGMT 2223 )	3									
<input type="checkbox"/> American/U.S. History (HIST 1003 or HIST 1103) (International Students must take HIST 1113)	3									
<input type="checkbox"/> American Governance (POLS 1113) (International students must take POLS 1013)	3									
<input type="checkbox"/> Introduction to Psychology (PSYC 1113)	3									
<input type="checkbox"/> Mathematics (MATH 1503 or 1603, ECON 2123, PSYC 2303 <b>OR</b> a higher-level mathematics class)	3									
<input type="checkbox"/> Methods of Scientific Inquiry (SCI 1003)	3									
<input type="checkbox"/> Integrated Science Laboratory (SCI 1041) [ Not required for those who have passed a 2000 level or above lab science ]	1									
<table border="1"> <tr> <td><b>BS</b></td> <td><b>BA</b></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> Foreign Language. - BS/BFA requires 6 hours (2 courses) - BA requires 12 hours (4 courses)	<b>BS</b>	<b>BA</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	12
<b>BS</b>	<b>BA</b>									
<input type="checkbox"/>	<input type="checkbox"/>									
<input type="checkbox"/>	<input type="checkbox"/>									
<input type="checkbox"/>	<input type="checkbox"/>									
<input type="checkbox"/> Cross-Cultural Studies										
<input type="checkbox"/> Service Learning										
<input type="checkbox"/> Capstone										
<input type="checkbox"/> Public Speaking (PHRH 1103)	3									
<input type="checkbox"/> Laboratory Science (BIOL, CHEM, or PHYS)	4									
<input type="checkbox"/> International or Diversity (approved courses or study abroad)	3									