

**BACHELOR OF SCIENCE IN SECONDARY EDUCATION – MATHEMATICS (GRADES 9-12)  
PROGRAM OF STUDY**

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 Student's Name: \_\_\_\_\_ Catalog Year: \_\_\_\_\_  
 Student ID: \_\_\_\_\_ Advisor: \_\_\_\_\_  
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**General Education Requirements**

	<b>Hours</b>	<b>Grade</b>	<b>Term</b>
<b>I. Communication (9)</b>			
ENGL U101: Composition	(3)	___	___
ENGL U102: Composition and Literature	(3)	___	___
SPCH U201: Public Speaking	(3)	___	___
<b>II. Mathematics, Logic &amp; Natural Sciences (13)</b>			
MATH U127: Precalculus II	(3)	___	___
MATH U174: Elements of Discrete Math	(3)	___	___
<i>Lab Science</i> (select from: ASTR U111/L, BIOL U101/L, U102/L, U110/L, U220/L, U242/L, CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOG U201/L; GEOL U101/L, U102/L, U103/L, PHYS U101/L, U201/L, U202/L, U211/L, U212/L)	(4)	___	___
<i>Math, Logic, or Natural Science</i> (select from: ASTR U111, BIOL U206, U240, U270; CHEM U106; GEOG U202; GEOL U104, U120, U121, U131, U241; PHYS U101)	(3)	___	___
<b>III. Information Technology (3)</b>			
INFO U101; CSCI U138; DGST U101; or MUSC U162	(3)	___	___
<b>IV. Fine Arts, Humanities, and History (9)</b>			
ARTH U101, U105, U106; MUSC U110, U140; or THEA U161, U170	(3)	___	___
HIST U101, U102, U105, U106	(3)	___	___
ENGL U275, U283, U291	(3)	___	___
<b>V. Foreign Language/Culture (3)</b>			
Foreign Language U101	(3)	___	___
<b>VI. Social and Behavioral Sciences (6)</b>			
<i>Any two from the following:</i> AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; POLI U101, U200; PSYC U101; SOCY U101; WGST U101; or SOST U201	(3)	___	___
	(3)	___	___
<b>Professional Education</b>			
EDFO U200: Teacher Education Colloquium	(0)	___	___
EDFO U210: Foundations of Education	(3)	___	___
EDRE U315: Foundation of Reading	(3)	___	___
EDSC U333: ML/Sec Education Adolescent Development	(3)	___	___
EDFO U341: Introduction to Exceptional Learners/Special Education	(3)	___	___
EDSC U344: ML/Sec Managing the Classroom Environment	(3)	___	___
EDSC U440: Clinical I in Middle Grades/Secondary Education	(2)	___	___
EDSC U442: Secondary School Curriculum and Methodology	(3)	___	___
EDSC U443: ML/Sec Educational Assessment	(2)	___	___
EDRE U418: Literacy in the Middle and Secondary School	(3)	___	___
EDSC U450: Clinical II in Middle Grades/Secondary Education	(2)	___	___
EDSC U446: Teaching Middle and Secondary Mathematics	(3)	___	___
EDSC U478: Directed Teaching in Secondary School Mathematics	(12)	___	___
EDSC U485: ML/Sec Issues and Trends	(3)	___	___

**Content Concentrations**

MATH U141: Calculus I	(4)	_____	_____
MATH U142: Calculus II	(4)	_____	_____
MATH U241: Calculus III	(4)	_____	_____
MATH U315: Statistical Methods	(3)	_____	_____
MATH U340: Mathematical Structures and Proof (MATH U142 pre-requisite)	(3)	_____	_____
MATH U344: Linear Algebra I (MATH U142 pre-requisite)	(3)	_____	_____
MATH U346: Introduction to Modern Algebra (MATH U340 pre-requisite)	(3)	_____	_____
MATH U501: History of Mathematics (MATH U142 pre-requisite)	(3)	_____	_____
MATH U531: Geometry (MATH U340 pre-requisite)	(3)	_____	_____
MATH U599: Senior Seminar <sup>#</sup>	(3)	_____	_____

**Elective**

(3)	_____	_____
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**124 Total Hours**

Final responsibility for satisfying degree requirements, as outlined in the *USC Upstate Academic Catalog*, rests with the student.

**Secondary Education—Math  
Suggested Sequences of Courses**

**Fall Semester**

ENGL U101	3 hours
Lab Science	4 hours
MATH U127	3 hours
ARTH, MUSC, or THEA	3 hours
Social and Behavior Studies 1	3 hours
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	16 hours

**Spring Semester**

ENGL U102	3 hours
MATH U141	4 hours
HIST U101, U102, U105, U106	3 hours
Social and Behavior Studies 2	3 hours
Foreign Language	3 hours
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	16 hours

**Fall Semester**

SPCH U201	3 hours
MATH U174	3 hours
CSCI, INFO, DGST, or MUSC	3 hours
MATH U142	4 hours
EDFO U200	0 hours
Elective	3 hours
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	16 hours

**Spring Semester\***

EDSC U333	3 hours
MATH U241	4 hours
Natural Science	3 hours
MATH U340	3 hours
EDFO U210	3 hours
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	16 hours

**Fall Semester**

EDFO U341	3 hours
EDSC U344	2 hours
MATH U346	3 hours
EDRE U315	3 hours
ENGL U275, U283, U291	3 hours
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	14 hours

**Spring Semester (Professional Program)\*\***

EDRE U418	3 hours
EDSC U440	2 hours
EDSC U442	3 hours
EDSC U443	2 hours
MATH U315	3 hours
MATH U344	3 hours
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	16 hours

**Fall Semester (Professional Program)\*\*\***

MATH U531	3 hours
MATH U501	3 hours
EDSC U450	2 hours
EDSC U446	3 hours
MATH U599 <sup>#</sup>	3 hours
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	14 hours

**Spring Semester (Professional Program)**

EDSC U478	12 hours
EDSC U485	3 hours
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	15 hours

\* Apply to the Professional Program

\*\*Initial ADEPT Portfolio Due & Apply for Directed Student Teaching

\*\*\*Pre-Student Teaching ADEPT Portfolio Due

#MATH U599 can be substituted for an upper-level MATH course.