

SECONDARY EDUCATION (SECONDARY EDUCATION MATH) - BACHELOR OF SCIENCE IN EDUCATION

A Suggested Plan of Study for Students

This roadmap assumes student placement in MATH 1511G Calculus and Analytic Geometry I and ENGL 1110G Composition I. The contents and order of this roadmap may vary depending on initial student placement in mathematics and English. It is only a suggested plan of study for students and is not intended as a contract. Course availability may vary from fall to spring semester and may be subject to modification or change.

First Year

Semester 1		Credits
ENGL 1110G or ENGL 1110H	Composition I ¹ or Composition I Honors	4
CEPY 1120G	Human Growth and Behavior	3
MATH 1511G or MATH 1511H	Calculus and Analytic Geometry I ¹ or Calculus and Analytic Geometry I Honors	4
HIST 1110G or HIST 1120G	United States History I or United States History II	3
Students who need to enroll in 15 credits for Financial Aid purposes will need to take additional electives		1
Credits		15

Semester 2

COMM 1115G or HNRS 2175G or COMM 1130G or ACOM 1130G	Introduction to Communication or Introduction to Communication Honors or Public Speaking or Effective Leadership and Communication in Agriculture	3
MATH 1521G or MATH 1521H	Calculus and Analytic Geometry II ¹ or Calculus and Analytic Geometry II Honors	4
EDUC 1185	Introduction to Secondary Education and Youth	3
Choose one from the following:		3
ECON 1110G	Survey of Economics	
ECON 2110G	Macroeconomic Principles	
ECON 2120G	Principles of Microeconomics Honors	
Area VI: Creative and Fine Arts Course ²		3
Credits		16

Second Year

Semester 1

Choose one from the following:		3
ENGL 2130G	Advanced Composition	
ENGL 2215G	Advanced Technical and Professional Communication	
ENGL 2221G	Writing in the Humanities and Social Science ¹	
MATH 2530G	Calculus III	3
PHYS 1230G or PHYS 1310G	Algebra-Based Physics I ¹ or Calculus -Based Physics I	3
PHYS 1230L or PHYS 1310L	Algebra-Based Physics I Lab ¹ or Calculus -Based Physics I Lab	1
HIST 1110G or HIST 1120G	United States History I or United States History II	3

An ANTH/GEOG/POLS/SOCI Course ²		3
Credits		16
Semester 2		
PHYS 1240G or PHYS 1320G	Algebra-Based Physics II ¹ or Calculus -Based Physics II	3
PHYS 1240L or PHYS 1320L	Algebra-Based Physics II Lab ¹ or Calculus -Based Physics II Lab	1
EDUC 3120	Multicultural Education	3
SPED 3105	Introduction to Special Education in a Diverse Society	3
CSCI 1110	Computer Science Principles	4
LIBR 311V	Information Literacy	3
Credits		17

Third Year

Semester 1

APPLY TO TEACHER EDUCATION PROGRAM (TEP)		
EDLT 3110	Integrating Technology with Teaching	3
EDUC 3997	Secondary Field Experience	3
MATH 1531	Introduction to Higher Mathematics	3
MATH 2415	Introduction to Linear Algebra	3
A ST 311	Statistical Applications	3
Credits		15

Semester 2

BLED 3120	Sheltered English Instruction for the ESL Classroom (Spring Only) ¹	3
EDUC 4510	Data Literacy and Assessment (Spring Only) ¹	3
EDUC 4520	Contemporary Issues in Education (Spring Only) ¹	3
EDUC 4530	Computational Thinking in STEM Education	3
Upper-Division MATH Elective Course ¹		3
Credits		15

Fourth Year

Semester 1

SUBMIT STEP PACKET		
READ 4330	Content Area Literacy (Fall Only) ¹	3
EDUC 4420	Teaching Mathematics at the Middle and High School Level (Fall Only) ¹	3
SPED 4150	Secondary Curriculum, Methods, and Materials for Special Education in a Diverse Society (Fall Only) ¹	3
Upper-Division MATH Elective Course ¹		3
Upper-Division MATH Elective Course ¹		3
Credits		15

Semester 2

EDUC 4820	Secondary Student Teaching	9
EDUC 4821	Middle and High School Student Teaching Seminar	3
Credits		12
Total Credits		121

¹ These courses may have prerequisites and/or co-requisites, and it is the students responsibility for checking and fulfilling all those requirements.

² See the program requirements for a full list of courses.