

Secondary Education (BSED) (Mathematics)

The following course sequence sheet is for illustrative purposes only and should not be construed as formal academic advisement. Course selections and sequence may vary depending on course availability and counsel from your academic adviser. You should consult an academic adviser before developing an actual academic plan.

Cr.	First Semester	Cr.	Second Semester
3	MATH.125 Calculus I	3	MATH.126 Calculus II
3	MUSIC.101 Music Listening or THEATRE.102/103 Intro to Theatre or Theatre Appreciation	3	ENGLISH Lit (151, 152, 156, 226, 227, 236, 237, 246, 247, or 257)
3	ENGLISH.101 Foundations of College Writing	3	One of the COMPSCI Options
3	PSYCH.101 General Psychology	3	ASLTERP.155 American Sign Language 1 or Competency Test or any second language 102 level
3	SPECED.101 Intro to Indiv. w/Exceptional	3	EDFOUND.204 Educational Computing
1	INTSTUDY.100 University Seminar	1	EDFOUND.206 Teachers, Schools, & Society
14	Total Semester Credits	16	Total Semester Credits
Cr.	Third Semester	Cr.	Fourth Semester
3	MATH.185 Discrete Mathematics	3	MATH.241 Probability & Statistics
3	MATH.225 Calculus III	3	MATH.226 Calculus IV
3	MATH.231 College Geometry	3	COMMSTUD.103 Public Speaking or COMMSTUD.104 Interpersonal
4	BIOLOGY.114 Concepts in Biology or CHEM.115 Chemistry for the Science	3	EDFOUND.251 Psychological Foundations of Education
3	PHYSICS.110 Intro to Astronomy	3	One of the COMPSCI Options
1	General Education Course	1	General Education Course
17	Total Semester Credits	16	Total Semester Credits
Cr.	Fifth Semester	Cr.	Sixth Semester
3	MATH.314 Linear Algebra	3	MATH.360 Number Theory
3	MATH.310 Introduction to Abstract Algebra or MATH.421 Advanced Calculus	3	Any Math course numbered 308 or higher, MATH.311 is strongly recommended
3	PSYCH.212 Adolescence	3	SPECED.358 Methods of Instruction for Students with Disabilities
3	EDFOUND.291 Principles of Teaching	3	Any Math course numbered 308 or higher
3	SPECED.275 Linking Assessment	3	EDFOUND.311 Classroom Measures & Assessment
15	Total Semester Credits	15	Total Semester Credits

Cr.	Seventh Semester
3	MATH.410 Mathematical Modeling
3	EDFOUND.427 Classroom Mgt & Eff Discipline
3	SECED.452 Teaching Math in Sec School
3	PROFSTUD.494 ELL Strategies
3	EDFOUND.406 Multicultural Education
15	Total Semester Credits

Cr.	Eighth Semester
6	EDFOUND.497 Teaching in Education: First Experience
6	EDFOUND.498 Teaching in Education: Second Experience
12	Total Semester Credits

TOTAL CREDITS: 122