

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
4	MATH.125 Calculus I	4	MATH.126 Calculus II
3	MUSIC.101/105 Music Listening, Music Lit or THEATRE.102/103 Intro to Theatre or Theatre Appreciation	3	ENGLISH Lit (151,152,156,226,227,236,237,246,247,or 286)
3	ENGLISH.101 Foundations of College Writing	3	COMPSCI.121 OBJ Oriented Prog or COMPSCI.115 Python Prog
3	PSYCH.101 General Psychology	3	Competency Test or any second language 102 level
3	SPECED.101 Intro to Individ. w/Exceptional	3	EDFOUND.204 Educational Computing
		1	EDFOUND.206 Teachers, Schools, & Society
16	Total Semester Credits	17	Total Semester Credits
Cr.	Third Semester	Cr.	Fourth Semester
3	MATH.185 Discrete Mathematics	3	MATH.241 Probability & Statistics
4	MATH.225 Calculus III	3	MATH.217 or Any one Math course numbered 208 or higher, not including MATH 300-307
3	EXERCISE.114, 211 (highly recommended), 226,230,241,250,270 or DANCE.117 or NURSING.100,217 or HONORS.217	3	COMPSCI.122 Graphic Interface in Java or COMPSCI.215 Adv Python Prog or MATH.320 Comp. Prog for Math or COMPSCI.300 or higher
4	BIOLOGY.114 Concepts in Biology or CHEM.115 Chemistry for the Science	3	MATH.231 College Geometry
3	PHYSICS.110 Intro to Astronomy	3	PSYCH.212 Adolescence
17	Total Semester Credits	18	Total Semester Credits
Cr.	Fifth Semester	Cr.	Sixth Semester
3	MATH.314 Linear Algebra	3	MATH.360 Number Theory
3	MATH.405 Intro to Abstract Algebra or MATH.421 Adv Calculus	3	Any Math course numbered 308 or higher
3	PROFSTUD.301 Teach, Learning and Assessmnt	3	SPECED.358 Meth of Instr for Students w/ Disabilities
3	EDFOUND.291 Principles of Teaching	3	EDFOUND.406 Multicultural Education
3	SPECED.275 Linking Assessment	3	EDFOUND.427 Classroom Mgt & Eff Discipline
15	Total Semester Credits	15	Total Semester Credits

Cr.	Seventh Semester	Cr.	Eighth Semester
3	MATH.410 Mathematical Modeling	6	EDFOUND.497 Teaching in Education: First Exp
3	Practicum	6	EDFOUND.498 Teaching in Education: Second Exp
3	SECED.452 Teaching Math in Sec School	3	PROFSTUD.498 Student Teaching Seminar
3	PROFSTUD.494 ELL Strategies		
12	Total Semester Credits	15	Total Semester Credits
	TOTAL CREDITS:	121	