



NORTHEASTERN
STATE UNIVERSITY
College of Science & Health Professions

B.S. Mathematics Road Map
 Math Education Option

First Year

Fall Semester	Spring Semester
MATH 2614 Calculus I	MATH 2624 Calculus II
HIST 1483 or 1493 American History	MATH 3513 Statistical Methods
***Biological Science	**PHYS 2115 Engineering Physics I
ENGL 1113 Freshman Composition I	ENGL 1213 Freshman Composition II
UNIV 1003 University Strategies	
Total Hours 16	Total Hours 15

Second Year

Fall Semester	Spring Semester
*MATH 2634 Calculus III	**MATH 3763 Teaching Mathematics
*MATH 3703 Introduction to Proof	**MATH 3983 Linear Algebra
POLS 1113 American Federal Government	**MATH 4113 Differential Equations
H ED 1113 Personal Health or NUTR 1653 Basic Nutrition	***Communication Course
Free Electives (3 hours)	***Humanities (First Course)
Total Hours 16	Total Hours 15

Third Year

Fall Semester	Spring Semester
*MATH 3313 College Geometry ++ (odd fall) OR *MATH 4613 History of Math ++ (even fall)	**Math Elective
*MATH 3713 Abstract Algebra I	SPED 4433 Intro to Education of Children with Exceptionalities
EDUC 3313 Clinical Teaching / Pre-Internship I	EDUC 4823 Emerging Technologies
EDUC 3113 Educational Psychology	***PSYC 1113 Intro to Psych or PSYC 1003 Intro to Human Behavior
*** Second Language	Free Electives (3 hours)
***Humanities (Second Course)	
Total Hours 18	Total Hours 15

Fourth Year

Fall Semester	Spring Semester
*MATH 4613 History of Mathematics ++ (even fall) OR *MATH 3313 College Geometry ++ (odd fall)	Education Internship
*MATH 4713 Teaching Secondary Math	
*MATH 4723 Senior Seminar	
EDUC 4032 Pre-Internship II	
EDUC 4353 Secondary Teaching Methods and Practices	
Free Electives (3 hours)	
Total Hours 17	Total Hours 12

Total Degree Plan Hours 124

*Fall only, **Spring only, ***See current catalog "General Requirements" for selection, ++Every two years.