

Mathematics - Teaching Certification, B.S.

Course	Title	Semester Credit Hours
Freshman Year		
Semester 1		
Communication		3
Rhetoric & Composition		3
American History		3
Mathematics ^{1 & 2}		3
UNIV 1201	Learning in Global Context	2
Semester Credit Hours		14
Semester 2		
Rhetoric & Composition		3
American History		3
MATH 2413	Calculus I ¹	4
MATH 1342	Elementary Statistical Methods ¹	3
Creative Arts		3
Semester Credit Hours		16
Sophomore Year		
Semester 1		
Lang/Phil/Culture		3
MATH 2414	Calculus II ¹	4
MATH 3325	Intro Mathematical Proofs (WI) ¹	3
Life/Physical Sciences		4
Elective		2
Semester Credit Hours		16
Semester 2		
MATH 3320	Differential Equations ¹	3
MATH 3370	Discrete Mathematics ¹	3
Life/Physical Sciences		4
Social/Behavioral		3
MATH ¹		3
Semester Credit Hours		16
Junior Year		
Semester 1		
EDED 3310	Intro to Instructional Design	3
ENGL 2311	Technical & Business Writing	3
MATH 3360	Modern Geometry ¹	3
MATH 3415	Calculus III ¹	4
Government/Political Science		3
Semester Credit Hours		16
Semester 2		
EDED 3302	Develop Behavr of Chl and Adol	3
EDED 3333	Clsrc Mgt and Org in Mid Sch	3
MATH/STAT, ADV. ¹		3
MATH 4340	Modern Algebra ¹	3
Government/Political Science		3
Semester Credit Hours		15

Senior Year**Semester 1**

EDED 3332	Curriculum and Materials Development and Planning	3
EDED 3362	Instr Mthds and Strat Sec Sch	3
MATH 4341 or MATH 4373	Linear Alg and Matrix Theory ¹ or Application of Matrix Methods	3
MATH/STAT, ADV. ¹		3
MATH/STAT, ADV. ¹		3
Semester Credit Hours		15

Semester 2

EDED 4613	Student Teaching	6
EDRG 4314	Developmental Corrective Reading for Secondary Schools	3
EDSE 4349	Foundations Special Educ (WI)	3
Semester Credit Hours		12
Total Credit Hours Required:		120

¹ No mathematics or statistics course may be counted toward the degree unless the grade is at least a C.

² PHIL 2303 cannot be used to satisfy the mathematics general education requirement.

45 semester hours of advanced coursework is required.