

Mathematics with Teaching Certification, B.S.

Course	Title	Semester Credit Hours
Freshman Year		
Semester 1		
COMS 1311	Intro to Oral Communication	3
ENGL 1301	Rhetoric and Composition	3
HIST 1301	American History to 1877	3
MATH 1348	Analytic Geometry ¹	3
UNIV 1201	Learning in Global Context	2
Semester Credit Hours		14
Semester 2		
ENGL 1302	Rhetoric and Composition	3
HIST 1302	American History since 1877	3
MATH 2413	Calculus I ¹	4
STAT 1342	Elementary Statistics ¹	3
Creative arts		3
Semester Credit Hours		16
Sophomore Year		
Semester 1		
ENGL 2342	Introduction to Literature	3
MATH 2414	Calculus II ¹	4
MATH 3325	Intro Mathematical Proofs (WI)	3
Life/Physical sciences		4
Elective(s)		2
Semester Credit Hours		16
Semester 2		
MATH 3320	Differential Equations ¹	3
MATH 3370	Discrete Mathematics ¹	3
Life/Physical sciences ²		4
Social/Behavioral		3
MATH ¹		3
Semester Credit Hours		16
Junior Year		
Semester 1		
EDED 3310	Intro to Instructional Design	3
ENGL 2314	Technical Writing	3
MATH 3360	Modern Geometry ¹	3
MATH 3415	Calculus III ¹	4
POLS 2301	Government and Politics of US	3
Semester Credit Hours		16
Semester 2		
EDED 3302	Develop Behavr of Chl and Adol	3
EDED 3333	Clstrm Mgt and Org in Mid Sch	3
MATH/STAT, adv.		3
MATH 4340	Modern Algebra ¹	3
POLS 2302	Government and Politics of TX	3
Semester Credit Hours		15

Senior Year**Semester 1**

EDED 3332	Curr Mats Developmt and Plan	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.		3
MATH/STAT, adv.		3
Semester Credit Hours		15

Semester 2

EDED 4613	Student Teaching	6
EDRG 4314	Develp Correct Rdg for Sec Sch	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 Both Life/physical sciences must be from the same discipline.

45 semester hours of advanced coursework is required.