

2009 - 2011

**Secondary Education
Mathematics**

Code: 2670

Bachelor of Science

Freshman Year

EDCI	100	Orientation to Teacher Educ.	3
ENGL	101	Intro.to Academic Writing	3
HIST	221/222	United States to/from 1877	3
MATH	270	Calculus I	4
Elective (Secondary Teaching Area) ¹			<u>3</u>
			16

EDFL	106	Introduction to Education	3
ENGL	102	Writing/Research Culture	3
MATH	301	Calculus II	4
Elective		Science ²	3
Elective (Secondary Teaching Area) ¹			<u>3</u>
			16

Sophomore Year

MATH	320	History of Mathematics	3
PSYC	220	Educational Psychology	3
PSYC	312	Adolescent Psychology	3
Elective		BHSC ³	3
Elective (Secondary Teaching Area) ¹			<u>3</u>
			15

CMCN	310	Public Speaking	3
MATH	327	Proport Reas & Prob Solve	3
MATH	360	Fundamentals of Math	3
THEA	300	Activities in Dramatics	3
Elective		Science ²	3
Elective (Secondary Teaching Area) ¹			<u>3</u>
			18

Junior Year

EDCI	352	Middle School Math Method	3
EDFL	456	Classroom Assessment	3
IREC	320	Technology in Classroom	3
MATH	362	Elementary Linear Algebra	3
SPED	300	Survey of Exceptional Child	3
Elective (Secondary Teaching Area) ¹			<u>3</u>
			18

EDCI	427	Cultural Different Learner	3
EDCI	450	Classroom Management	3
MATH	414	Number Theory/Abs.Alg.	3
MATH	430	College Geometry	3
Elective		Science ²	3
Elective (Secondary Teaching Area) ¹			<u>3</u>
			18

Senior Year

EDCI	469	Adv Field Experience Sec	1
EDCI	452	Secondary Sch Math Meth	3
MATH	413	Problem Solving for Teacher	3
READ	410	Teaching Content Literacy	3
STAT	325	Introduction to Statistics	3
Elective (Secondary Teaching Area) ¹			<u>1</u>
			14

EDCI	479	Student Teaching Secondary	9
ENGL (ENGL or LANG Literature)			<u>3</u>
			12

Total: 127

- 19 credits or more is required in one of the Secondary Teaching Areas.
- 9 hours of science, which must include at least 3 hours of biology and 3 hours of either chemistry, geology, or physics. Six of the nine hours must be in the same science; credit cannot be awarded for both GEOL 225 and GEOL 105.
- Choose from ANTH, CJUS, ECON, GEOG, POLS, PSYC, or SOCI