

# MATHEMATICS MAJOR

## SECONDARY EDUCATION MINOR (MAT)

**GENERAL EDUCATION (11 courses Required):** General education goal 2 (Quantitative) is satisfied through completion of the Mathematics major, leaving eleven courses to be taken to satisfy the remaining general education goals through courses taken outside the major department. Only courses designated (Gen.Ed.) after the course title will meet general education requirements (refer to the catalog for complete information).

<u>COURSE #</u>	<u>TITLE</u>	<u>GOAL(S) MET</u>
42.200	Psychology of Development	9
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**General Education Goals (Check off as Completed):**

- |                                |                                      |
|--------------------------------|--------------------------------------|
| 1 _____ Writing                | 8 _____ Historical Studies           |
| 2 <u>X</u> Quantitative        | 9 _____ Social/Behavioral/Sciences   |
| 3 _____ Language               | 10 _____ Forces in the United States |
| 4 _____ Literature/Philosophy  | 11 _____ Non-Western Studies         |
| 5 _____ Visual/Performing Arts | 12 _____ Gender, Race and Class      |
| 6 _____ Physical Science       | _____ Laboratory Science             |
| 7 _____ Life Science           | _____ Study of the Constitutions     |

**X=Fulfilled through major**

**MAJOR AND RELATED COURSES (14):**

<u>COURSE #</u>	<u>COURSE TITLE</u>
43.215	Finite Mathematics
43.219	Calculus I
43.220	Calculus II
43.221	Calculus III
43.222	Differential Equations
43.226	Linear Algebra and Applications
43.231	Euclidean Geometry
43.310	Number Theory
43.317	Introduction to Higher Geometry
43.319	Abstract Algebra
43.427	Real Analysis
63.	One Computer Science course
43.	One course in Probability & Statistics (see catalog)

**One elective in Mathematics at the 300 level or above:**

43. \_\_\_\_\_

**ADDITIONAL SECONDARY ED. MINOR COURSES (7):**

14.200	Education in American Society w/Field Study I
14.315/316	Professional Preparation and Field Study II (Two Course Credits)
14.410	Student Teaching Practicum and Seminar I (Two Course Credits)
14.411	Student Teaching Practicum and Seminar II (Two Course Credits)