

Mathematics Teaching Major 2016-2017

Secondary Education Certification

Required Coursework

<u>Semester 1</u>	<u>Semester 2</u>
MATH 131, C-QR	CSCI 110, C-QR
EDUC 125	MATH 132
EDUC 130, C-EI	PHIL 120, C-PF
THRS 117, C-TF	Elective/Minor/Core

<u>Semester 3</u>	<u>Semester 4</u>
Sophomore Block	MATH 250
EDUC 223	MATH 321
EDUC 250	Elective/Minor/Core
EDUC 252	Elective/Minor/Core
EDUC 254	
EDUC 281	
EDUC 351	
MATH 233	

<u>Semester 5</u>	<u>Semester 6</u>
Junior Block	EDUC 352
EDUC 330	MATH 306
EDUC 332	MATH 350
EDUC 333	Elective/Minor/Core
EDUC 334	
MATH 250	
Elective/Minor/Core	

<u>Semester 7</u>	<u>Semester 8</u>
MATH Elective	EDUC 450
MATH Elective	EDUC 455
Elective/Minor/Core	MATH 499 (0cr)
Elective/Minor/Core	

Requirement Checklist

- CSCI 110 Introduction to Computer Programming, C-QR
- MATH 131 Calculus and Analytical Geometry 1, C-QR
- MATH 132 Calculus and Analytical Geometry 2
- MATH 233 Calculus and Analytical Geometry 3
- MATH 250 Advanced Foundations of Mathematics
- MATH 306 Abstract Algebra
- MATH 321 Probability and Statistics
- MAT 350 Modern Geometry
- MATH 499 Senior Exam (0cr)
- MATH 300+ Elective _____
- MATH 300+ Elective _____

Education Coursework:

- EDUC 125 Foundations of US Education
- EDUC 130 Psychology for Teaching, C-IS
- EDUC 223 Instructional Technology (2cr)
- EDUC 250 Pre-Student Teaching Experience, Secondary School (2cr)
- EDUC 252 The Comprehensive High School (2cr)
- EDUC 254 Instructional Methodologies for Adolescents (2cr)
- EDUC 281 Teaching Children with Disabilities (2cr)
- EDUC 330 The Early Adolescent: Classroom Management (2cr)
- EDUC 332 The Adolescent: Psychology and Methods in the Middle School (2cr)
- EDUC 333 The Early Adolescent: Assessment (2cr)
- EDUC 334 Middle School Field Experience (2cr)
- EDUC 351 Reading and Language Arts Across Content Areas
- EDUC 352 Advanced Reading in Content Areas(2cr)
- EDUC 450 Student Teaching: Early Adolescence
- EDUC 455 Student Teaching: Adolescence
- SSCI 408 Social Inequalities: Race and Minority Relations, C-AD/DD