

MATHEMATICS 6-12



Bachelor of Arts in Secondary Education Mathematics (BAED) D22M

Catalog Term: Fall 2019
Total Credit Hours: 120

FRESHMAN	
FALL	SPRING
ENGL 101 (3) College English I P: See Course Catalog	ENGL 102 (3) College English II P: ENGL 101 with C- or better
MATH 112 (5) Pre-Calculus I P: See Course Catalog	COMM 111 (3) Public Speaking
PSY 111 (3) General Psychology	MATH 242 (5) Calculus I P: See Course Catalog
Fine Arts Intro (3) See notes	Humanities Intro (3) See notes
Elective (1)	Elective (1)
15 hrs	15 hrs

SOPHOMORE	
FALL	SPRING
MATH 243 (5) Calculus II P: MATH 242 with C or better	ENGL 315 (3)/ LING 315 (3)/ ANTH 352 (3) Intro English Linguistics or Anthropological Linguistic
MATH 321 (3) Discrete Structures I P: MATH 242 with C or better	STAT 460 (3) Elementary Probability and Mathematical Statistics P: MATH 243 with C or better
Mathematics & Natural Sciences Intro (4) See notes	MATH 344 (3) Calculus III P: MATH 243 with C or better
Humanities Intro (3) See notes	CI 270 (3) Intro to the Education Profession
Elective (1)	CESP 334 (3) Intro to Diversity: Human Growth & Development
	Elective (1) **See advisor for Teacher Education Application
16 hrs	16 hrs

JUNIOR	
FALL	SPRING
Core I (6) Foundations of Education	Core II (9) Methods and Field Experiences
MATH 415 (3) Intro to Advance Mathematics P: MATH 344 with C or better	MATH 511 (3) Linear Algebra P: MATH 243 with C or better
MATH 621 (3) Elementary Geometry P: MATH 344 with C or better	MATH 615 (3) Elementary Number Theory P: MATH 344 with C or better
Elective (3)	
15 hrs	15 hrs

SENIOR	
FALL	SPRING
Core III (7) Methods and Field Experiences II	Core IV (12) Student Internship
MATH 531 (3) Intro to the History of Mathematics P: See Course Catalog	
Choose 1: CI 503, MATH 451, MATH 513, MATH 545, MATH 547, MATH 553 or MATH 555	
Math Application Course (3)* P: See Course Catalog	
16 hrs	12 hrs

Notes: Fine Arts Intro, Humanities Intro, Social/Behavioral Sciences Intro, Mathematics & Natural Sciences Intro, Further Study and Issues & Perspectives courses must be from an approved list which appears in the Schedule of Courses. Choose one for Mathematics & Natural Sciences Intro: PHYS 195/196, PHYS 313, CHEM 211 or PHYS 213.

P: Prerequisite

*See advisor for approved Math Application courses

Last Updated: 04/2019