

2016/2017 Bachelor of Arts in Mathematics Secondary Education

1st Year Fall Semester

EDUC 111: Foundations of Education (meets 3 CH of Humanities discipline of CORE)+	3
SPED 356: Special Education	3
MATH 181: Calculus I	4
	10 CH

1st Year Spring Semester

EDUC 112: Ed. Psych (meets 3 CH of Socio-Political course of CORE)	3
MATH 182: Calculus II	4
MATH 211: Elementary Statistics	4
	11 CH

Sophomore Fall Semester

EDUC 215: Curriculum, Instruction, and Assessment	3
EDUC 255: Mentoring I	3
MATH 281: Calculus III	4
MATH 221: Discrete Mathematical Structures	3
PHYS 174: Intro. to Physics I (or may take PHYS 184 in the spring)	4
	17 CH

Sophomore Spring Semester

CSCI 189: Java Programming	4
MATH 291: Linear Algebra	4
MATH 302: Differential Equations+	4
PHYS 184: Physics II (if PHYS 174 was not taken in the fall)	4
	12-16 CH

Junior Fall Semester

SECED 325: Teaching Reading/Writing	3
SPED 357: Effective Instructional Practices & Delivery	3
MATH 311 or MATH 331: Non-Euclidean Geometry or Abstract Algebra	3
	9 CH

Junior Spring Semester

SECED 360: Teaching Mathematics in Secondary School	3
EDUC 400: ELL	3
MATH 371: Real Analysis	3
	9 CH

Senior Fall Semester

EDUC 220: Ed. Tech.	3
SECED 268: Mentoring II	3
SPED 358: Intensive Reading, Writing, and Math Intervention Approaches	3
MATH 311 or MATH 331: Non-Euclidean Geometry or Abstract Algebra	3
	12 CH

Senior Spring Semester

ECE/SPED 424: Student Teaching	12
	12 CH

+WIC #PIC

130 Total CH

Additional CORE Requirements

ENG 101: College Writing	3 CH
INDS 101: Presentational Literacy	3 CH (Meets 3 CH of PDE English)
Foreign Language 150	3 CH
Foreign Language 151	3 CH
MATH 125: Quantitative Reasoning	3 CH
Lab Science	4 CH
Fine or Performing Arts course	3 or 4 CH
REL 120: Scriptures	3 CH
AH 105: Well-Being	2 CH
Physical Activity	2 CH

Practicum Series:

(2 of the following)

- Citizenship
- Leadership
- Study Abroad
- Scholarship

Seminar Series:

SEMS 100: Seminar Series I	1 CH
SEMS 200: Western Traditions	
SEMS 250: World Cultures	
SEMS 400: Global Issues	