

# 2018/2019 Bachelor of Arts in Mathematics Secondary Education

## 1<sup>st</sup> 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
	<b>10 CH</b>

## 1<sup>st</sup> 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
	<b>11 CH</b>

## 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
	<b>17 CH</b>

## Sophomore Spring Semester

CSCI 159: Introduction to 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
	<b>12-16 CH</b>

## 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
	<b>9 CH</b>

## Junior Spring Semester

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

**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
	<b>12 CH</b>

**Senior Spring Semester**

ECE/SPED 424: Student Teaching	12
	<b>12 CH</b>

**124 Total CH**

\* Foreign Language requirement is waived if two or more years of the same foreign language, with a C or better final grade earned in two years of instruction, is completed in high school; except for Dietrich Honors Institute (DHI) students (see below)

\*\* All DHI students are required to take two semesters of a foreign language, one semester of intermediate language, or exemption via placement test

**Additional CORE Requirements**

ENG 101: College Writing	3 CH
INDS 101: Presentational Literacy	3 CH (Meets 3 CH of PDE English)
Lab Science	4 CH
Fine or Performing Arts course	3 or 4 CH
REL 120: Scriptures	3 CH
AH 105: Well-Being	2 CH

**Practicum Series:**

(2 of the following)

- Citizenship
- Leadership
- Study Abroad
- Scholarship

**Seminar Series:**

- SEMS 110: Introduction to Seminar Series
- SEMS 200: Western Traditions
- SEMS 250: World Cultures
- SEMS 400: Global Issues