

# Huntington University

## Guide to Typical Programs, 2019-2023

# Mathematics Education (B.S. Degree)

## Advisor: Prof. Hoffman

Note that this is a "Typical Program." Actual programs will vary. See the Academic Catalog for official details.

Fall 2019	J-Term 2020	Spring 2020	Summer 2020
MA 165: <u>Intro to Discrete Mathematics</u> 3 MA 171: <u>Calculus I</u> 4 PY 111: <u>Introduction to Psychology</u> 3 HS 115: <u>Hist Persp on Cult &amp; Civ I</u> 3 EN 121: <u>Academic Writing &amp; Research</u> 3 <b>total 16</b>	MA210: <u>History of Mathematics</u> 2 <b>total 2</b>	CS 111: <u>Intro to Computer Science<sup>2</sup></u> 4 MA 172: <u>Calculus II</u> 4 HS 116: <u>Hist Persp on Cult &amp; Civ II</u> 3 EN 151: <u>Perspectives on Literature</u> 3 EX 101: <u>Wellness for Life</u> 2 <b>total 16</b>	<b>total</b>
Fall 2020	J-Term 2021	Spring 2021	Summer 2021
ED 212: <u>Introduction to Education</u> 2 ED 236: <u>Education Psychology</u> 3 MA 205: <u>Intro to Mathematical Proofs</u> 3 MA 273: <u>Calculus III</u> 4 BR 111: <u>Biblical History and Literature</u> 3 <b>total 15</b>	Required J-Term 2 <b>total 2</b>	ED 296: <u>Soph Practicum for MS &amp; HS</u> 1 * MA 311: <u>Linear Algebra</u> 3 * MA 471: <u>Probability &amp; Math Statistics</u> 4 SE 232: <u>Educ of Exceptional Learner</u> 3 CO 215: <u>Public Speaking</u> 3 <u>Creative Studio Arts</u> 1 <b>total 15</b>	<b>total</b>
Fall 2021	J-Term 2022	Spring 2022	Summer 2022
ED 311: <u>Early Adol Curric &amp; Method</u> 3 ED 364: <u>Assess Strat for Secondary Ed</u> 2 * MA 411: <u>Abstract Algebra</u> 4 PL____: <u>Intro to Philosophy/Ethics</u> 3 <u>Laboratory Science</u> 4 <b>total 16</b>	ED395: <u>Multicultural Practicum in Teaching<sup>3</sup></u> 3 <b>total 3</b>	ED 320: <u>Adolescent Curric &amp; Method</u> 3 * MA 351: <u>Geometry</u> 3 * MA 321: <u>Number Theory</u> 3 MI 285: <u>Understand the Christian Faith</u> 3 <u>Laboratory Science</u> 4 <b>total 16</b>	<b>total</b>
Fall 2022	J-Term 2023	Spring 2023	Summer 2023
ED410 <sub>MAT</sub> : <u>Math Curriculum and Method</u> 2 * MA 431: <u>Real Analysis<sup>4</sup></u> 4 MA 481: <u>Seminar in Mathematics</u> 1 BR____: <u>Bible Elective [300+ level]</u> 3 115: <u>Intro to AR/DM/MU/TH</u> 2 <u>Core Curriculum Social Sci</u> 3 <b>total 15</b>	<b>total</b>	ED 440: <u>Topics &amp; Problems in Educ</u> 2 ED 460: <u>Student Teach in Secondary</u> 10 <b>total 12</b>	<b>total</b>

### NOTES:

1. Students who take mathematics or computer science courses must demonstrate satisfactory mathematics placement scores prior to enrolling in their intended mathematics or computer science courses (*see mathematics placement policy in Catalog under Academic Information*).
2. CS 216 may be taken in place of CS 111.
3. ED 395 should be scheduled during January Term of the junior year.
4. Students must take one course from: MA 371, 431, 450, or 461.
5. Mathematics Education majors are strongly encouraged to audit or take MA 111 and MA 112 as electives.

\*Indicates alternating year course.

Underlining indicates required for major.