

Huntington University

Guide to Typical Programs, 2020-2024

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 2020	J-Term 2021	Spring 2021	Summer 2021
<u>MA 165:</u> <u>Intro to Discrete Mathematics</u> 3 <u>MA 171:</u> <u>Calculus I</u> 4 <u>PY 111:</u> <u>Introduction to Psychology</u> 3 <u>HS 115:</u> <u>Hist Persp on Cult & Civ I</u> 3 <u>EN 121:</u> <u>Academic Writing & Research</u> 3 total 16	<u>MA210:</u> <u>History of Mathematics</u> 2 total 2	<u>CS 111:</u> <u>Intro to Computer Science²</u> 4 <u>MA 172:</u> <u>Calculus II</u> 4 <u>HS 116:</u> <u>Hist Persp on Cult & Civ II</u> 3 <u>EN 151:</u> <u>Perspectives on Literature</u> 3 <u>EX 101:</u> <u>Wellness for Life</u> 2 total 16	total
Fall 2021	J-Term 2022	Spring 2022	Summer 2022
<u>ED 212:</u> <u>Introduction to Education</u> 2 <u>ED 236:</u> <u>Education Psychology</u> 3 <u>MA 205:</u> <u>Intro to Mathematical Proofs</u> 3 <u>MA 273:</u> <u>Calculus III</u> 4 <u>BT ____:</u> <u>Introductory Bible</u> 3 total 15	Required J-Term 2 total 2	<u>ED 296:</u> <u>Soph Practicum for MS & HS</u> 1 * <u>MA 351:</u> <u>Geometry</u> 3 * <u>MA 321:</u> <u>Number Theory</u> 3 <u>SE 232:</u> <u>Educ of Exceptional Learner</u> 3 <u>CO 215:</u> <u>Public Speaking</u> 3 <u>MI 285:</u> <u>Understand the Christian Faith</u> 3 total 16	total
Fall 2022	J-Term 2023	Spring 2023	Summer 2023
<u>ED 311:</u> <u>Early Adol Curric & Method</u> 3 <u>ED 364:</u> <u>Assess Strat for Secondary Ed</u> 2 * <u>MA 431:</u> <u>Real Analysis⁴</u> 4 <u>PL ____:</u> <u>Intro to Philosophy/Ethics</u> 3 <u> :</u> <u>Laboratory Science</u> 4 total 16	<u>ED395:</u> <u>Multicultural Practicum in Teaching³</u> 3 total 3	<u>ED 320:</u> <u>Adolescent Curric & Method</u> 3 * <u>MA 311:</u> <u>Linear Algebra</u> 3 * <u>MA 471:</u> <u>Probability & Math Statistics</u> 4 <u> :</u> <u>Creative Studio Arts</u> 1 <u> :</u> <u>Laboratory Science</u> 4 total 15	total
Fall 2023	J-Term 2024	Spring 2024	Summer 2024
<u>ED410_{MAT}:</u> <u>Math Curriculum and Method</u> 2 * <u>MA 411:</u> <u>Abstract Algebra</u> 4 <u>MA 481:</u> <u>Seminar in Mathematics</u> 1 <u>BT ____:</u> <u>Bible Elective [300+ level]</u> 3 <u> 115:</u> <u>Intro to AR/DM/MU/TH</u> 2 <u> :</u> <u>Core Curriculum Social Sci</u> 3 total 15	total	<u>ED 440:</u> <u>Topics & Problems in Educ</u> 2 <u>ED 460:</u> <u>Student Teach in Secondary</u> 10 total 12	total

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.