

# Huntington University

## Guide to Typical Programs, 2022-2026

# Mathematics Education (B.S. Degree)

## Advisor: Dr. Hoffman

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

Fall 2022			Spring 2023			Summer 2023		
<u>MA 165:</u>	<u>Intro to Discrete Mathematics</u>	3	<u>CS 111:</u>	<u>Intro to Computer Science<sup>2</sup></u>	4			
<u>MA 171:</u>	<u>Calculus I</u>	4	<u>MA 172:</u>	<u>Calculus II</u>	4			
<u>PY 111:</u>	<u>Introduction to Psychology</u>	3	<u>HS 116:</u>	<u>Hist Persp on Cult &amp; Civ II</u>	3			
<u>HS 115:</u>	<u>Hist Persp on Cult &amp; Civ I</u>	3	<u>EN 151:</u>	<u>Perspectives on Literature</u>	3			
<u>EN 121:</u>	<u>Academic Writing &amp; Research</u>	3	<u>EX 101:</u>	<u>Wellness for Life</u>	2			
	<b>total</b>	<b>16</b>		<b>total</b>	<b>16</b>			<b>total</b>
Fall 2023			Spring 2024			Summer 2024		
<u>ED 212:</u>	<u>Introduction to Education</u>	2	<u>ED 296:</u>	<u>Soph Practicum for MS &amp; HS</u>	1			
<u>ED 236:</u>	<u>Education Psychology</u>	3	* <u>MA 351:</u>	<u>Geometry</u>	3			
<u>MA 205:</u>	<u>Intro to Mathematical Proofs</u>	3	* <u>MA 321:</u>	<u>Number Theory</u>	3			
<u>MA 273:</u>	<u>Calculus III</u>	4	<u>SE 232:</u>	<u>Educ of Exceptional Learner</u>	3			
<u>BT ____:</u>	<u>Introductory Bible</u>	3	<u>CO 215:</u>	<u>Public Speaking</u>	3			
<u>115:</u>	<u>Intro to AR/DM/MU/TH</u>	2	<u>MI 285:</u>	<u>Understand the Christian Faith</u>	3			
	<b>total</b>	<b>17</b>		<b>total</b>	<b>16</b>			<b>total</b>
Fall 2024			Spring 2025			Summer 2025		
<u>ED 311:</u>	<u>Early Adol Curric &amp; Method</u>	3	<u>ED 320:</u>	<u>Adolescent Curric &amp; Method</u>	3			
<u>ED 364:</u>	<u>Assess Strat for Secondary Ed</u>	2	* <u>MA 210:</u>	<u>History of Mathematics</u>	1			
* <u>MA 431:</u>	<u>Real Analysis<sup>4</sup></u>	4	* <u>MA 311:</u>	<u>Linear Algebra</u>	3			
	<u>Core Curriculum Social Sci</u>	3	* <u>MA 471:</u>	<u>Probability &amp; Math Statistics</u>	4			
	<u>Laboratory Science</u>	4		<u>Laboratory Science</u>	4			
	<b>total</b>	<b>16</b>		<b>total</b>	<b>15</b>			<b>total</b>
Fall 2025			Spring 2026			Summer 2026		
<u>ED 377:</u>	<u>Integration of Technology in Class</u>	2	<u>ED 440:</u>	<u>Topics &amp; Problems in Educ</u>	2			
<u>ED410MAT:</u>	<u>Math Curriculum and Method</u>	2	<u>ED 460:</u>	<u>Student Teach in Secondary</u>	10			
* <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>PL ____:</u>	<u>Intro to Philosophy/Ethics</u>	3						
	<u>Creative Studio Arts</u>	1						
	<b>total</b>	<b>16</b>		<b>total</b>	<b>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. Students must take one course from: MA 371, 431, 450, or 461.
4. Mathematics Education majors are strongly encouraged to audit or take MA 111 and MA 112 as electives.
5. Recommended Elective: TE 233 Foundations of TESOL/EIs (3 credit hours).

\*Indicates alternating year course.

Underlining indicates required for major.