

# Huntington University

## Guide to Typical Programs, 2022-2026

# Mathematics (B.A. Degree)

## Advisors: Drs. Drury & 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>MA 171:</u> <u>Calculus I</u> 4 HS 115:    Hist Persp on Cult & Civ I    3 EN 121:    Academic Writing & Research    3 BT ____:    Introductory Bible    3 <p style="text-align: right;"><b>total 16</b></p>	<u>CS 111:</u> <u>Intro to Computer Science<sup>2</sup></u> 4 <u>MA 172:</u> <u>Calculus II</u> 4 HS 116:    Hist Persp on Cult & Civ II    3 EN 151:    Perspectives on Literature    3 EX 101:    Wellness for Life    2 <p style="text-align: right;"><b>total 16</b></p>	<b>total</b>
Fall 2023	Spring 2024	Summer 2024
<u>MA 205:</u> <u>Intro to Mathematical Proofs</u> 3 <u>MA 273:</u> <u>Calculus III</u> 4 Foreign Language    3 Laboratory Science    4 <p style="text-align: right;"><b>total 14</b></p>	<u>MA ____:</u> <u>Mathematics Elective [300+ level]<sup>5</sup></u> 3 CO 215:    Public Speaking    3 Core Curriculum Social Sci    3 Foreign Language    3 Elective [300+ level] <sup>6</sup> 3 <p style="text-align: right;"><b>total 15</b></p>	<b>total</b>
Fall 2024	Spring 2025	Summer 2025
<u>MA ____:</u> <u>Mathematics Elective<sup>5</sup></u> 3 MI 285:    Understand the Christian Faith    3 Creative Studio Arts    1 Foreign Lang/Cult Enrichment    3 Elective    4 <p style="text-align: right;"><b>total 14</b></p>	* <u>MA 311:</u> <u>Linear Algebra<sup>3</sup></u> 3 <u>MA ____:</u> <u>Mathematics Elective [300+ level]<sup>5</sup></u> 3 115:    Intro to AR/DM/MU/TH    2 Foreign Lang/Cult Enrichment    3 Laboratory Science    4 <p style="text-align: right;"><b>total 15</b></p>	<b>total</b>
Fall 2025	Spring 2026	Summer 2026
* <u>MA 411:</u> <u>Abstract Algebra<sup>4</sup></u> 4 <u>MA 481:</u> <u>Seminar in Mathematics</u> 1 PL____:    Intro to Philosophy/Ethics    3 Electives [300+ level] <sup>6</sup> 7 <p style="text-align: right;"><b>total 15</b></p>	<u>MA ____:</u> <u>Mathematics Elective [300+ level]<sup>5</sup></u> 3 BT____:    Bible Elective [300+ level]    3 Core Curriculum Social Sci    3 Electives [300+ level] <sup>6</sup> 6 <p style="text-align: right;"><b>total 15</b></p>	<b>total</b>

### NOTES:

- 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*).
- CS 216 may be taken in place of CS 111.
- MA 371 may be taken in place of MA 311.
- MA 431 may be taken in place of MA 411.
- In addition to the mathematic courses listed above, students must take 12 hours from MA 210 or any mathematics course numbered 300 or above.
- Majors must be careful in selection of electives so that a sufficient number of upper division courses are taken. A minimum of 36 hours of 300+ courses is required for graduation.

\*Indicates alternating year course.

Underlining indicates required for major.