

Huntington University

Guide to Typical Programs, 2023-2027

Mathematics (B.S. Degree)

Advisors: Drs. Drury & Hoffman

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

Fall 2023	Spring 2024	Summer 2024
<u>MA 165:</u> <u>Intro to Discrete Mathematics</u> 3 <u>MA 171:</u> <u>Calculus I</u> 4 EN 121: Academic Writing & Research 3 EX 101: Wellness for Life 2 HS 115: Hist Persp on Cult & Civ I 3 SS 111: First-Year Seminar 1 <p style="text-align: right;">total 16</p>	<u>CS 111:</u> <u>Intro to Computer Science</u> ³ 3 <u>MA 172:</u> <u>Calculus II</u> 4 BT ____: Introductory Bible 3 EN 151: Perspectives on Literature 3 HS 116: Hist Persp on Cult & Civ II 3 <p style="text-align: right;">total 16</p>	total
Fall 2024	Spring 2025	Summer 2025
<u>CH 161:</u> <u>Principles of Chemistry I</u> ² 4 <u>MA 205:</u> <u>Intro to Mathematical Proofs</u> 3 <u>MA 273:</u> <u>Calculus III</u> 4 Elective 3 <p style="text-align: right;">total 14</p>	* <u>MA 210:</u> <u>History of Mathematics</u> ⁴ 1 * <u>MA 311:</u> <u>Linear Algebra</u> 3 CO 215: Public Speaking 3 MI 285: Understand the Christian Faith 3 Core Curriculum Social Sci 3 Elective [300+ level] ⁶ 3 <p style="text-align: right;">total 16</p>	total
Fall 2025	Spring 2026	Summer 2026
* <u>MA 411:</u> <u>Abstract Algebra</u> 4 PL ____: Intro to Philosophy/Ethics 3 Creative Studio Arts 1 Electives 6 <p style="text-align: right;">total 14</p>	* <u>MA 371:</u> <u>Differential Equations</u> 3 <u>MA 461:</u> <u>Mathematical Modeling</u> 3 Laboratory Science 4 Elective 3 <p style="text-align: right;">total 13</p>	total
Fall 2026	Spring 2027	Summer 2027
* <u>MA 431:</u> <u>Real Analysis</u> 4 115: Intro to AR/DM/MU/TH 2 Core Curriculum Social Sci 3 Electives [300+ level] ⁵ 6 <p style="text-align: right;">total 15</p>	* <u>MA 471:</u> <u>Probability & Math Statistics</u> 4 <u>MA ____:</u> <u>Mathematics Elective [300+ level]</u> ⁴ 3 BT ____: Bible Elective [300+ level] 3 Electives 6 <p style="text-align: right;">total 16</p>	total

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*).
- BI 161/L or PH 211/L may be taken in place of CH 161/L.
- CS 216 may be taken in place of CS 111.
- Four hours must be taken from MA 210, 321, 351, 450, or CS 325.
- 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.