

Huntington University

Guide to Typical Programs, 2021-2025

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 2021	J-Term 2022	Spring 2022	Summer 2022
<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;">total 16</p>	Required J-Term 2 <p style="text-align: right;">total 2</p>	<u>CS 111</u> : <u>Intro to Computer Science</u> ³ 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;">total 16</p>	total
Fall 2022	J-Term 2023	Spring 2023	Summer 2023
<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 4 <p style="text-align: right;">total 15</p>	* <u>MA210</u> : <u>History of Mathematics</u> ⁴ 2 <p style="text-align: right;">total 2</p>	* <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 15</p>	total
Fall 2023	J-Term 2024	Spring 2024	Summer 2024
* <u>MA 411</u> : <u>Abstract Algebra</u> 4 PL____: Intro to Philosophy/Ethics 3 Creative Studio Arts 1 Electives 7 <p style="text-align: right;">total 15</p>	Required J-Term 2 <p style="text-align: right;">total 2</p>	* <u>MA 371</u> : <u>Differential Equations</u> 3 <u>MA ____</u> : <u>Mathematics Elective</u> [300+ level] ⁴ 3 Laboratory Science 4 Elective 4 <p style="text-align: right;">total 14</p>	total
Fall 2024	J-Term 2025	Spring 2025	Summer 2025
* <u>MA 431</u> : <u>Real Analysis</u> 4 <u>MA 481</u> : <u>Seminar in Mathematics</u> 1 115: Intro to AR/DM/MU/TH 2 Core Curriculum Social Sci 3 Electives [300+ level] ⁵ 5 <p style="text-align: right;">total 15</p>	total	* <u>MA 471</u> : <u>Probability & Math Statistics</u> 4 <u>MA ____</u> : <u>Mathematics Elective</u> [300+ level] ⁴ 3 BT____: Bible Elective [300+ level] 3 Electives 6 <p style="text-align: right;">total 16</p>	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. BI 161/L or PH 211/L may be taken in place of CH 161/L.
3. CS 216 may be taken in place of CS 111.
4. Eight hours must be taken from MA 210, 321, 351, 450, 461, or CS 325.
5. 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.