

# Huntington University

## Guide to Typical Programs, 2023-2027

# Biology (B.S. Degree)

## Advisor: Dr. Hobbs

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>CH 161: Principles of Chemistry I</u> 4 BI 141: Freshman Biology Seminar <sup>2</sup> 1 EN 121: Academic Writing & Research 3 HS 115: Hist Persp on Cult & Civ I 3 SS 111: First-Year Seminar 1 Core Curriculum Social Sci 3 <b>total 15</b>	<u>BI 161: Cell Biology</u> 4 <u>CH 162: Principles of Chemistry II</u> 4 EN 151: Perspectives on Literature 3 HS 116: Hist Persp on Cult & Civ II 3 115: Intro to AR/DM/MU/TH 2 <b>total 16</b>	<b>total</b>
Fall 2024	Spring 2025	Summer 2025
* <u>BI 321: Genetics</u> 4 <u>CH 263: Organic Chemistry I</u> 4 <u>MA 151: Intro to Probability &amp; Statistics</u> 4 BT ___: Introductory Bible 3 EX 101: Wellness for Life 2 <b>total 17</b>	* <u>BI 222: Zoology</u> 4 <u>BI/ES : Elective [300+level]<sup>3</sup></u> 3 <u>CH 264: Organic Chemistry II</u> 4 CO 215: Public Speaking 3 MI 285: Understand the Christian Faith 3 <b>total 17</b>	<b>total</b>
Fall 2025	Spring 2026	Summer 2026
* <u>BI 261: Botany</u> 4 <u>BI/ES : Elective [300+ level]<sup>3</sup></u> 4 <u>PH 211: Principles of Physics I</u> 4 CH 411: Biochemistry <sup>4</sup> 3 <b>total 15</b>	* <u>BI 451: Seminar in Biology</u> 1 * <u>ES 211: Environmental Resources</u> 4 <u>BI/ES : Elective [300+level]<sup>3</sup></u> 6 <u>PH 212: Principles of Physics II</u> 4 <b>total 15</b>	<b>total</b>
Fall 2026	Spring 2027	Summer 2027
<u>BI/ES : Elective [300+ level]<sup>3</sup></u> 4 MA 171: Calculus I <sup>4</sup> 4 Core Curriculum Social Sci 3 Elective [300+ level] <sup>5</sup> 4 <b>total 15</b>	<u>BI/ES : Elective [300+level]<sup>3</sup></u> 4 MA 172: Calculus II <sup>4</sup> 4 BT___: Bible Elective [300+ level] 3 PL___: Intro to Philosophy/Ethics 3 Creative Studio Arts 1 <b>total 15</b>	<b>total</b>

### NOTES:

1. Biology majors must demonstrate satisfactory mathematics placement scores prior to enrolling in their intended chemistry, mathematics or physics courses (*see mathematics placement policy in Catalog under Academic Information*).
2. BI 141 Freshman Biology Seminar is strongly recommended.
3. Twenty-one additional hours required from biology and environmental science, including at least three courses from BI 342/L, 371/L, 375, 422/L, 432/L, and 462/L.
4. For students planning to attend graduate or professional school, biochemistry and calculus are strongly recommended.
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.