

# Huntington University

## Guide to Typical Programs, 2021-2025

## Biology (B.S. Degree)

### Emphasis in Pre-Vet

### Advisor: Dr. Baggerman

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>CH 161</u> : <u>Principles of Chemistry I</u> 4 BI 141: Freshman Biology Seminar <sup>2</sup> 1 HS 115: Hist Persp on Cult & Civ I 3 EN 121: Academic Writing & Research 3 EX 101: Wellness for Life 2 Core Curriculum Social Sci 3 <b>total 16</b>	Required J-Term 2      <b>total 2</b>	<u>BI 161</u> : <u>Cell Biology</u> 4 <u>CH 162</u> : <u>Principles of Chemistry II</u> 4 HS 116: Hist Persp on Cult & Civ II 3 EN 151: Perspectives on Literature 3 BT ___: Introductory Bible 3  <b>total 17</b>	<b>total</b>
Fall 2022	J-Term 2023	Spring 2023	Summer 2023
* <u>BI 321</u> : <u>Genetics</u> 4 <u>CH 263</u> : <u>Organic Chemistry I</u> 4 <u>MA 151</u> : <u>Intro to Probability &amp; Statistics</u> 4 <u>BA 232</u> : <u>Acct &amp; Finance for Entrepreneurs</u> <sup>4</sup> 3 <b>total 15</b>	Required J-Term 2      <b>total 2</b>	* <u>BI 222</u> : <u>Zoology</u> 4 <u>BI/AG</u> : <u>Major Elective [300+level]</u> <sup>3,6</sup> 4 <u>CH 264</u> : <u>Organic Chemistry II</u> 4 CO 215: Public Speaking 3  <b>total 15</b>	<b>total</b>
Fall 2023	J-Term 2024	Spring 2024	Summer 2024
* <u>BI 261</u> : <u>Botany</u> 4 <u>BI/AG</u> : <u>Major Elective [300+level]</u> <sup>3,6</sup> 4 <u>CH 411</u> : <u>Biochemistry</u> 3 <u>PH 211</u> : <u>Principles of Physics I</u> 4  <b>total 15</b>	Required J-Term 2      <b>total 2</b>	* <u>BI 451</u> : <u>Seminar in Biology</u> 1 <u>BI/AG</u> : <u>Major Elective [300+level]</u> <sup>3,6</sup> 6 <u>PH 212</u> : <u>Principles of Physics II</u> 4 <u>BA 252</u> : <u>Bus Organization &amp; Mgmt</u> <sup>4</sup> 3 115: Intro to AR/DM/MU/TH 2  <b>total 16</b>	<b>total</b>
Fall 2024	J-Term 2025	Spring 2025	Summer 2025
<u>BI/AG</u> : <u>Major Elective [300+ level]</u> <sup>3,6</sup> 4 <u>MA 171</u> : <u>Calculus I</u> <sup>5</sup> 4 MI 285: Understand the Christian Faith 3 PL___: Intro to Philosophy/Ethics 3 Core Curriculum Social Sci 3 <b>total 17</b>	<b>total</b>	* <u>BI 432</u> : <u>General Microbiology</u> 4 <u>BA 331</u> : <u>Operations Management</u> <sup>4</sup> 3 <u>MA 172</u> : <u>Calculus II</u> <sup>5</sup> 4 BT___: Bible Elective [300+ level] 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. Eighteen additional hours required from biology and agribusiness, including at least three courses from AG 231/L, 351/L, BI 322/L, 371/L, 422/L (or AG241), and ES 211/L.
4. Pre-vet students are strongly advised to take several business courses, especially BA 232, 252, and 331.
5. For students planning to attend graduate or professional school, calculus is strongly recommended.
6. 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.
7. Course prerequisites for veterinary schools can vary considerably between institutions. Please examine the requirements for the institutions you are interested in attending and discuss these with your advisor.

\*Indicates alternating year course.

Underlining indicates required for major.