

# Huntington University

## Guide to Typical Programs, 2019-2023

## 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 2019	J-Term 2020	Spring 2020	Summer 2020
CH 161: <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>	BI 161: <u>Cell Biology</u> 4 CH 162: <u>Principles of Chemistry II</u> 4 HS 116: Hist Persp on Cult & Civ II 3 EN 151: Perspectives on Literature 3 115: Intro to AR/DM/MU/TH 2 <b>total 16</b>	<b>total</b>
Fall 2020	J-Term 2021	Spring 2021	Summer 2021
* BI 321: <u>Genetics</u> 4 CH 263: <u>Organic Chemistry I</u> 4 MA 151: <u>Intro to Probability &amp; Statistics</u> 4 BR 111: Biblical History and Literature 3 <b>total 15</b>	Required J-Term 2 <b>total 2</b>	* BI 222: <u>Zoology</u> 4 BI/ES : <u>Elective [300+level]<sup>3</sup></u> 3 CH 264: <u>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 2021	J-Term 2022	Spring 2022	Summer 2022
* BI 261: <u>Botany</u> 4 BI/ES : <u>Elective [300+ level]<sup>3</sup></u> 4 PH 211: <u>Principles of Physics I</u> 4 CH 411: Biochemistry <sup>4</sup> 3 <b>total 15</b>	Required J-Term 2 <b>total 2</b>	* BI 451: <u>Seminar in Biology</u> 1 * ES 211: <u>Environmental Resources</u> 4 BI/ES : <u>Elective [300+level]<sup>3</sup></u> 6 PH 212: <u>Principles of Physics II</u> 4 <b>total 15</b>	<b>total</b>
Fall 2022	J-Term 2023	Spring 2023	Summer 2023
BI/ES : <u>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>	<b>total</b>	BI/ES : <u>Elective [300+level]<sup>3</sup></u> 4 MA 172: Calculus II <sup>4</sup> 4 BR___: 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.