

Huntington University

Guide to Typical Programs, 2022-2026

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 2022	Spring 2023	Summer 2023
CH 161: <u>Principles of Chemistry I</u> 4 BI 141: Freshman Biology Seminar ² 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 total 16	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 BT ___: Introductory Bible 3 total 17	total
Fall 2023	Spring 2024	Summer 2024
* BI 261: <u>Botany</u> 4 CH 263: <u>Organic Chemistry I</u> 4 MA 151: <u>Intro to Probability & Statistics</u> 4 BA 232: <u>Acct & Finance for Entrepreneurs</u> ⁴ 3 total 15	BI/AG: <u>Major Elective [300+level]</u> ^{3,5} 4 CH 264: <u>Organic Chemistry II</u> 4 BA 252: <u>Bus Organization & Mgmt</u> ⁴ 3 CO 215: Public Speaking 3 Creative Studio Arts 1 total 15	total
Fall 2024	Spring 2025	Summer 2025
* BI 321: <u>Genetics</u> 4 BI/AG : <u>Major Elective [300+level]</u> ^{3,5} 4 CH 411: <u>Biochemistry</u> 3 PH 211: <u>Principles of Physics I</u> 4 total 15	* BI 222: <u>Zoology</u> 4 * BI 432: <u>General Microbiology</u> 4 PH 212: <u>Principles of Physics II</u> 4 BA 331: <u>Operations Management</u> ⁴ 3 total 15	total
Fall 2025	Spring 2026	Summer 2026
BI/AG : <u>Major Elective [300+ level]</u> ^{3,5} 4 MI 285: Understand the Christian Faith 3 PL___: Intro to Philosophy/Ethics 3 Core Curriculum Social Sci 3 total 13	* BI 451: <u>Seminar in Biology</u> 1 BI/AG: <u>Major Elective [300+level]</u> ^{3,5} 6 BT___: Bible Elective [300+ level] 3 115: Intro to AR/DM/MU/TH Elective 2 total 15	total

NOTES:

- 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*).
- BI 141 Freshman Biology Seminar is strongly recommended.
- Eighteen additional hours required from biology and agriculture, including at least three courses from AG 231/L, 351/L, BI 322/L, 371/L, 422/L (or AG241), and ES 211/L.
- Pre-vet students are strongly advised to take several business courses, especially BA 232, 252, and 331.
- 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.
- 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.