

Huntington University

Guide to Typical Programs, 2023-2027

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 2023	Spring 2024	Summer 2024
CH 161: <u>Principles of Chemistry I</u> 4 BI 141: Freshman Biology Seminar ² 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 total 15	BI 161: <u>Cell Biology</u> 4 CH 162: <u>Principles of Chemistry II</u> 4 BT ___: Introductory Bible 3 EN 151: Perspectives on Literature 3 HS 116: Hist Persp on Cult & Civ II 3 total 17	total
Fall 2024	Spring 2025	Summer 2025
* BI 321: <u>Genetics</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 222: <u>Zoology</u> 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 2025	Spring 2026	Summer 2026
* BI 261: <u>Botany</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 451: <u>Seminar in Biology</u> 1 BI/AG: <u>Major Elective [300+level]</u> ^{3,5} 4 PH 212: <u>Principles of Physics II</u> 4 BA 331: <u>Operations Management</u> ⁴ 3 EX 101: Wellness for Life 2 total 14	total
Fall 2026	Spring 2027	Summer 2027
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 Elective 1 total 14	* BI 432: <u>General Microbiology</u> 4 BI/AG: <u>Major Elective [300+level]</u> ^{3,5} 6 BT___: Bible Elective [300+ level] 3 115: Intro to AR/DM/MU/TH 2 total 15	total

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 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.
4. Pre-vet students are strongly advised to take several business courses, especially BA 232, 252, and 331.
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.
6. 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.