

Biology (BA)

Bachelor of Arts

Description

The Bachelor of Arts (BA) in Biology program delves into cell structure, organism function, and behavioral patterns across populations and ecosystems. Through immersive courses, hands-on activities, and laboratory experiences, students cultivate a deep understanding of biological sciences. This program fosters independent thinking and problem-solving skills essential for diverse career paths. Students can enjoy the flexibility to tailor their education with elective courses that cater to their interests, offering a comprehensive foundation in the biological sciences for aspiring professionals and researchers alike.

Admissions Requirements

- A high school diploma or GED
- Credentials earned outside of the US must be evaluated by an approved agency
- GPA of 2.0 or higher
- Official transcripts from all previously attended institutions
- Completed application with Carolina University

Graduation Requirements

- Shall have maintained a minimum cumulative GPA of 2.0;
- Shall have passed all courses in the curriculum and made a C- or better in professional core courses;
- Shall have completed at least 24 of the final 30 hours with Carolina University.

Courses

General Education Core (36 Credit Hours) - must include the following:

[GC 111 - Mathematics I](#)

3 Credit Hours

Professional Core (40 Credit Hours)

[BG 110 - Biology I](#)

3 Credit Hours

[BG 210 - Biology II](#)

3 Credit Hours

[BG 220 - Genetics](#)

3 Credit Hours

[BG 230 - Developmental Biology](#)

3 Credit Hours

[BG 250 - Zoology](#)

3 Credit Hours

[BG 310 - Microbiology with Lab](#)

4 Credit Hours

[BG 320 - Introduction to Cell Biology](#)

3 Credit Hours

[BG 330 - Introduction to Molecular Biology](#)

3 Credit Hours

[BG 340 - Ecology](#)

3 Credit Hours

[BG 410 - Immunology](#)

3 Credit Hours

[GC 112 - Mathematics II](#)

3 Credit Hours

[GC 205 - Calculus I](#)

3 Credit Hours

[MG 210 - Introduction to Statistics](#)

3 Credit Hours

Professional Electives (15 Credit Hours)

6 Credit Hours must be 400-level or higher

[BG 240 - Plant Biology w/Lab](#)

4 Credit Hours

[BG 350 - Human Genetics](#)

3 Credit Hours

[BG 360 - Human Biology](#)

3 Credit Hours

[BG 415 - Neurobiology I](#)

3 Credit Hours

[BG 420 - Biochemistry](#)

3 Credit Hours

[BG 430 - Neurobiology II](#)

3 Credit Hours

[BG 440 - Seminar in Biology](#)

1 Credit Hour

[BG 450 - Anatomy of Vertebrates](#)

3 Credit Hours

[BG 460 - General Physiology w/Lab](#)

4 Credit Hours

[BG 470 - Lab methods in Molecular Biology](#)

4 Credit Hours

[BG 480 - Research Statistical Methods for Biological Sciences](#)

3 Credit Hours

[CH 110 - General Chemistry I w/Lab](#)

4 Credit Hours

[CH 115 - General Chemistry II w/Lab](#)

4 Credit Hours

[CH 210 - Organic Chemistry w/Lab](#)

4 Credit Hours

PH 310 - Public Health Biology

3 Credit Hours

PH 315 - Public Health Biology II

3 Credit Hours

PY 210 - General Physics I w/Lab

4 Credit Hours

PY 215 - General Physics II w/Lab

4 Credit Hours

Free Electives (29 Credit Hours)