

PATHWAYS | ORGANISMAL BIOLOGY - INTEGRATIVE BIOLOGY OPTION



COLLEGE OF
SCIENCES &
MATHEMATICS

Bachelor of Science in Organismal Biology

COURSE SELECTION

FRESHMAN

- Gateway courses: BIOL 1020/1021, BIOL 1030/1031, CHEM 1030/1031, CHEM 1040/1041

SOPHOMORE

- Finish core requirements and foundation science courses
- Gateway Courses: BIOL 3000, 3200, 3030, 3060; CHEM 2070/2071, 2080/2081

JUNIOR

- Build breadth and depth in biology with junior year courses
- Plan ahead to be sure courses are offered during the semester you want to take them. Long range schedules are on the COSAM website.
- Take a summer field course in Junior or Senior year (e.g., BIOL 4020)
- Gateway Courses: BIOL 3100, 3200, 4010, 4020
- In preparation for graduation next year, get a Credit Check with your COSAM academic advisor

SENIOR

- Consult with your faculty advisor to select electives that best fit your career or graduate school goals
- BIOL 4950: Senior Seminar should be taken during your senior year

ASK FOR ASSISTANCE

- Meet with your academic advisor to familiarize yourself with courses and prerequisites



Sciences Center Classroom Building, home of COSAM student advising.

- Academic Support provides several *free* resources to improve performance including Study Partners, Supplemental Instruction and academic coaching (auburn.edu/academicsupport)

- Meet with your faculty advisor to discuss graduate school options and the application process, and/or meet with someone in the Career Center to explore career options
- Begin studying for the Graduate Record Exam (GRE) if you plan to go to graduate school.

- Work with the Career Center to update your CV
- Apply early to graduate schools for the best chances at an assistantship.

GAIN EXPERIENCE

- Seek opportunities to volunteer in a faculty research lab

- Investigate internship opportunities, especially during the summer of Sophomore and Junior years
- Begin an undergraduate research project (auburn.edu/undgres)

- Credit for internships can be earned via BIOL 4920 (Internship in Biology)
- Begin an undergraduate research project (auburn.edu/undgres)
- Consider being an undergraduate teaching assistant (UTA) or a supplemental instructor (SI) for your biology courses, if you are considering graduate school.

- Attend STEM Career Expo (auburn.edu/career/events)
- Attend professional scientific meetings
- Complete an undergraduate research project & present research at a Research Week

GET INVOLVED

- Utilize AUInvolve (auburn.edu/auinvolve) to identify organizations of interest to attend meetings and enhance your resume.



- Join the Auburn University Department of Biological Sciences Facebook page for information on department activities

- Continue gaining experience with one or more campus organizations.
- If interested in a Health Career, explore Alpha Epsilon Delta (www.auburn.edu/aed)
- If interested in Veterinary Sciences, explore the AU Pre-Veterinary Medical Association

- If you meet the requirements, consider joining Beta Beta Beta, the National Biological Honor Society



- Pursue leadership roles in student organizations in which you participate

CAREER PLANNING

AUBURN UNIVERSITY CAREER CENTER

303 MARY MARTIN HALL | AUBURN.EDU/CAREER

The program is designed to provide students with a solid foundation in biology. This program provides a strong preparation for further study in graduate programs or in professional schools, including medicine, dentistry, veterinary medicine and other allied health fields.

UNIVERSITY PROFESSOR
MINIMUM EDUCATION: Ph.D.

ENTRY LEVEL SALARY RANGE: \$39.5K - \$74.5K

BIOLOGIST
MINIMUM EDUCATION: M.S./Ph.D.

ENTRY LEVEL SALARY RANGE: \$41.9K - \$67.6K

PHYSICIAN
MINIMUM EDUCATION: M.D./D.O.

ENTRY LEVEL SALARY RANGE: \$106.3K - \$176.1K

These are just three options out of many that organismal biology majors pursue. For more career options be sure to check out "What Can I Do With a Major In..." on auburn.edu/career.

Mary Martin Hall, home of the Auburn University Career Center

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