

PATHWAYS | MARINE BIOLOGY

Bachelor of Science in Marine Biology



COLLEGE OF
SCIENCES &
MATHEMATICS

COURSE SELECTION

FRESHMAN

- Gateway courses: BIOL 1020/1021, BIOL 1030/1031, CHEM 1030/1031, CHEM 1040/1041
- Take the Marine Biology Learning Community course (UNIV 1100)

SOPHOMORE

- Complete core requirements and foundation science courses
- Gateway Courses: BIOL 3000, 3040, 3060
- Summer courses are taken at a cooperating Marine Lab

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
- In preparation for graduation next year, get a Credit Check with your COSAM academic advisor
- Summer courses are taken at a cooperating Marine Lab

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/academicssupport)
- Apply for Marine Lab courses (see your faculty advisor)

- 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 are planning for graduate school.
- Apply for Marine Lab courses (or an AU Abroad course, see your faculty advisor)

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

GAIN EXPERIENCE

- Seek opportunities to volunteer in a faculty research lab or with the AU Museum of Natural History

- 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)
- Consider being a UTA if you are planning for graduate school.
- Begin/continue an undergraduate research project (auburn.edu/undgres)

- Attend All Major Career Expo and STEM Career Expo (auburn.edu/career/events)
- Attend professional scientific meetings
- Complete an undergraduate research project
- Join a major scientific society such as the American Society of Limnology and Oceanography (ASLO), American Society for Microbiology (ASM), Society for Integrative and Comparative Biology (SICB), or American Society for Cell Biology (ASCB); see your faculty advisor.

GET INVOLVED

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



- Continue gaining experience with Marine Biology Club
- Utilize AUInvolve (auburn.edu/ainvolve) to identify organizations of interest to attend meetings and enhance your resume.



- If you meet the requirements, consider joining Beta Beta Beta, the National Biological Honor Society, and/or Sigma Xi, the Scientific Research Society

- Pursue leadership roles in student organizations in which you participate

CAREER PLANNING

AUBURN UNIVERSITY CAREER CENTER

303 MARY MARTIN HALL | [AUBURN.EDU/CAREER](http://auburn.edu/career)

The Marine Biology field is very competitive. Students will need to have excellent academic performance and obtain related experience to be a competitive candidate. The program prepares candidates for work in the marine and other life science fields. Graduate work may be required for some positions.

MARINE IMPACT SURVEYOR
MINIMUM EDUCATION: B.S.

ENTRY LEVEL SALARY RANGE: \$40.4K - \$53.2K

MARINE LIFE RESEARCHER

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

ENTRY LEVEL SALARY RANGE: \$37.4K - \$61.1K

UNIVERSITY PROFESSOR

MINIMUM EDUCATION: Ph.D.

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

These are just three options out of many that marine 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

Updated: October 3, 2016