**Course Selection**

**Freshman**
- Gateway courses: BIOL 1020/1021, BIOL 1030/1031, CHEM 1030/1031, CHEM 1040/1041
- Finish core requirements and foundation science courses
- Gateway Courses: BIOL 3000, 3200; CHEM 2070/2071, 2080/2081
- Consult with your faculty advisor to select electives that best fit your career or graduate school goals and plan your curriculum to be sure courses are offered during the semester you plan to take them. Long range schedules are on the COSAM website.
- Gateway Courses: BIOL 4100, ANSC 3400
- BIOL 4950: Senior Seminar should be taken during your junior year if you are admitted to Vet School before your senior year
- Continue to consult with your faculty advisor to select electives that best fit your career or graduate school goals

**Sophomore**
- 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 veterinary school and graduate school options and the application process, and/or meet with someone in the Career Center to explore career options
- Begin to think about possible faculty and other professionals to write letters of recommendation for you.
- Work with the Career Center to update your curriculum vita (CV)
- Complete VCMA by September 15. Request letters and participate in practice interviews.
- If you are applying to graduate school, you’ll also need letters.
- Meet with your academic advisor to familiarize yourself with courses and prerequisites

**Junior**
- Investigate internship opportunities, especially during the summers of Sophomore and Junior years
- Begin an undergraduate research project (auburn.edu/undgres)
- Auburn University provides many opportunities for gaining experience in the veterinary field, including the Southeastern Raptor Center, clinical practices at the vet school, and faculty research.
- Credit for internships can be earned via BIOL 4920 (Internship in Biology)
- Begin an undergraduate research project (auburn.edu/undgres)
- Continue shadowing.
- Attend All Major Career Expo and STEM Career Expo (auburn.edu/career/events)
- Complete an undergraduate research project

**Senior**
- Attend professional scientific meetings
- Continue to pursue leadership roles in student organizations in which you participate
- Attend professional scientific meetings
- If you meet the requirements, consider joining Beta Beta Beta, the National Biological Honor Society
- Complete an undergraduate research project
- If you are applying to graduate school, you’ll also need letters.
- Meet with your faculty advisor to select electives that best fit your career or graduate school goals
- Seek opportunities to volunteer in a veterinary clinic of in a faculty research lab
- Begin shadowing in a vet office or animal shelter. Vet schools want approximately 400 hours of contact with animals for a successful application.
- Auburn University provides many opportunities for gaining experience in the veterinary field, including the Southeastern Raptor Center, clinical practices at the vet school, and faculty research.
- Credit for internships can be earned via BIOL 4920 (Internship in Biology)
- Begin an undergraduate research project (auburn.edu/undgres)
- Continue shadowing.
- Attend All Major Career Expo and STEM Career Expo (auburn.edu/career/events)
- Complete an undergraduate research project

**Career Planning**

**Auburn University Career Center**
303 Mary Martin Hall | auburn.edu/career

This program prepares students for entrance into a variety of fields. It is especially suited for those with interest in veterinary medicine and those interested in pursing other professional or graduate education. Students in this field should maintain strong performance academically and experientially.

**Medical Researcher**
- Minimum Education: M.D. & Ph.D.
- Entry Level Salary Range: $66.3K - $76.1K

**Clinical Microbiologist**
- Minimum Education: B.S.
- Entry Level Salary Range: $35.4K - $49.3K

**Veterinarian**
- Minimum Education: D.V.M.
- Entry Level Salary Range: $43.7K - $68.4K

These are just three examples out of many that microbial, cellular & molecular biology majors pursue. For more career options be sure to check out “What Can I Do With a Major In...” on auburn.edu/career.