PATHWAYS

Biomedical Sciences

Bachelor of Science in Biomedical Sciences

COURSE SELECTION

FRESHMAN
- Gateway courses: BIOL 1020/1021, BIOL 1030/1031, CHEM 1030/1031, CHEM 1040/1041, MATH 1610, SCMH 1890
- Avoid taking online classes if you plan to attend professional school
- Continue core requirements and foundational science courses
- Gateway Courses: CHEM 2070/2071, CHEM 2080/2081, PHYS 1500, PHYS 1510, BIOL 3000
- Avoid taking online classes if you plan to attend professional school

SOPHOMORE
- Gateway Courses: BIOL 3200, BIOL 4100, BCHE 5180/5190, STAT 2510
- Avoid taking online classes if you plan to attend professional school
- Meet with your academic advisor to select courses that fulfill graduation requirements and prepare you for your career choice
- Use academic support services (auburn.edu/academicsupport) to improve your grades and prepare for admissions tests
- Meet with a career counselor (auburn.edu/career) if still exploring options, with the pre-health counselor if pursuing a health profession or with faculty members about biomedical sciences careers
- Schedule a credit check with your academic advisor to prepare for graduation
- Meet with the pre-health director if applying to professional school or with faculty members for graduate program applications
- Look for notices regarding the start of the PPAC process if pursuing professional education
- Schedule a final credit check to ensure you are on track to graduate

JUNIOR
- Meet with a career counselor (auburn.edu/academicsupport) to improve your grades and prepare for admissions tests
- Take online practice tests (DAT, MCAT, OAT, PCAT, GRE) and continue shadowing healthcare providers and biomedical scientists
- Gain laboratory experience through coursework and faculty-led research projects
- Continue shadowing, conducting research, participating in extracurricular activities and community service

SENIOR
- Meet with an academic advisor to choose courses to prepare for a biomedical sciences career or a health profession
- Explore career options (auburn.edu/career)
- Investigate summer internships (auburn.edu/experience) and Study Abroad programs (auburn.edu/studyabroad)
- Take appropriate practice tests (DAT, MCAT, OAT, PCAT, GRE) and continue shadowing healthcare providers and biomedical scientists
- Gain laboratory experience through coursework and faculty-led research projects
- Take online practice tests (DAT, MCAT, OAT, PCAT, GRE) and the actual test about a year before applying for professional or graduate school programs
- Continue undergraduate research (auburn.edu/undgres)
- Use PPAC if applying to dental, medical or optometry school programs
- Continue shadowing, conducting research, participating in extracurricular activities and community service
- Fulfill your obligations as an officer for a professional organization and mentor younger members by encouraging their involvement

ASK FOR ASSISTANCE

Shadow healthcare professionals and scientists involved in biomedical research
Volunteer at private and public clinics or seek part-time employment in the biomedical field
Investigate summer internships (auburn.edu/experience) and Study Abroad programs (auburn.edu/studyabroad)
Take appropriate practice tests (DAT, MCAT, OAT, PCAT, GRE) and continue shadowing healthcare providers and biomedical scientists
Gain laboratory experience through coursework and faculty-led research projects
Take online practice tests (DAT, MCAT, OAT, PCAT, GRE) and the actual test about a year before applying for professional or graduate school programs
Continue undergraduate research (auburn.edu/undgres)
Use PPAC if applying to dental, medical or optometry school programs
Continue shadowing, conducting research, participating in extracurricular activities and community service

GAIN EXPERIENCE

GET INVOLVED

Join student chapters of professional organizations related to your area of interest to maintain knowledge of your desired field including Alpha Epsilon Delta (AED) if pursuing a health professions career
Continue participation in community service and leadership activities in student chapters of professional organizations
Utilize AUInvolve (auburn.edu/auinvolve) to identify organizations of interest to attend meetings and enhance your resume.
Continue involvement with professional student organizations and consider serving as an elected or appointed officer
Fulfill your obligations as an officer for a professional organization and mentor younger members by encouraging their involvement

College of Sciences & Mathematics

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

Career Planning

This program is designed to equip students with the broad curricular training necessary for entrance into professional and/or graduate education. Competitive candidates will want to ensure strong performance in the classroom and significant experiential roles outside of the classroom.

Physician - Surgeon
Minimum Education: M.D./D.O.
Enter Level Salary Range: $142.4K - $187.2K

Physician - General Practitioner
Minimum Education: M.D./D.O.
Enter Level Salary Range: $106.3K - $176.1K

Pharmacist
Minimum Education: Pharm.D.
Enter Level Salary Range: $79.4K - $120.9K

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