

# PATHWAYS | BIOMEDICAL SCIENCES

Bachelor of Science in Biomedical Sciences



COLLEGE OF  
SCIENCES &  
MATHEMATICS

## COURSE SELECTION

### FRESHMAN

- Gateway courses: BIOL 1020/1021, BIOL 1030/1031, CHEM 1030/1031, CHEM 1040/1041, MATH 1610, SCM 1890
- Avoid taking online classes if you plan to attend professional school

### SOPHOMORE

- 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

### JUNIOR

- Gateway Courses: BIOL 3200, BIOL 4100, BCHE 5180/5190, STAT 2510
- Avoid taking online classes if you plan to attend professional school

### SENIOR

- Meet with your academic advisor to select courses that fulfill graduation requirements and prepare you for your career choice

## ASK FOR ASSISTANCE

- 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](http://auburn.edu/career))



Sciences Center Classroom Building, home of COSAM student advising.

- Use academic support services ([auburn.edu/academicsupport](http://auburn.edu/academicsupport)) to improve your grades and prepare for admissions tests
- Meet with a career counselor ([auburn.edu/career](http://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

## GAIN EXPERIENCE

- 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](http://auburn.edu/experience)) and Study Abroad programs ([auburn.edu/studyabroad](http://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](http://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

## 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 AUIInvolve ([auburn.edu/aiinvolve](http://auburn.edu/aiinvolve)) 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

## CAREER PLANNING

### AUBURN UNIVERSITY CAREER CENTER

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

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.

ENTRY LEVEL SALARY RANGE: \$142.4K - \$187.2K

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](http://auburn.edu/career).

#### PHYSICIAN - GENERAL PRACTITIONER

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

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

#### PHARMACIST

MINIMUM EDUCATION: PHARM.D.

ENTRY LEVEL SALARY RANGE: \$79.4K - \$120.9K



Mary Martin Hall, home of the Auburn University Career Center

Updated: October 3, 2016