

# PATHWAYS

PRE-MEDICAL (PMED)\*, PRE-DENTISTRY (PDEN)\*, PRE-OPTOMETRY (POPT)\* CONCENTRATIONS



COLLEGE OF  
SCIENCES &  
MATHEMATICS

\*These are not majors. You must pick from one of the following:

- Bachelor of Science in Organismal Biology - Integrative Option
- Bachelor of Science in Biomedical Sciences
- Bachelor of Science in Microbiology
- Bachelor of Science in Physics
- Bachelor of Arts in Chemistry

## COURSE SELECTION

### FRESHMAN

- Gateway courses: BIOL 1020/1021, BIOL 1030/1031, CHEM 1030/1031, CHEM 1040/1041, MATH 1610, SCMH 1890

### SOPHOMORE

- Continue core requirements and foundational science courses
- Gateway Courses: CHEM 2070/2071, CHEM 2080/2081, PHYS 1500, PHYS 1510, BIOL 3000
- Be prepared to choose a major field by the end of this year or 60 hours, whichever comes first.

### JUNIOR

- Gateway Courses: BIOL 3000, BIOL 4100, BCHE 5180/5190, STAT 2510

### SENIOR

- Meet with your academic advisor to select courses that fulfill graduation requirements and prepare you for your chosen professional school

## ASK FOR ASSISTANCE



Sciences Center Classroom Building, home of COSAM student advising.

- Meet with an academic advisor to choose courses for professional school preparation
- Explore career options (auburn.edu/career)
- Use academic support services (auburn.edu/academicsupport) to improve your grades and prepare for the Medical College Admission Test (MCAT) or Dental Admission Test (DAT) or Optometry Admission Test (OAT)
- Meet with a career counselor (auburn.edu/career) if still exploring options and with the pre-health counselor if a health profession is your goal
- Schedule a credit check with your academic advisor to prepare for graduation
- Attend PPAC meetings in January to learn about assistance with the application process to medical, dental, or optometry school.
- Schedule a final credit check to ensure you are on track to graduate
- Meet with the pre-health director to discuss completing a post-baccalaureate program before applying to professional school

## GAIN EXPERIENCE

- Shadow professionals engaged in general and specialty practice in your chosen health profession. For pre-medical students, shadow both D.O. and M.D. physicians
- Volunteer at indigent-care clinics and nursing homes
- Investigate summer internships (auburn.edu/career) and Study Abroad programs (auburn.edu/studyabroad)
- Take MCAT, DAT, or OAT practice tests and continue shadowing
- Schedule a mock interview during spring semester
- Take an online practice test in January and the actual MCAT by the end of May or DAT or OAT by the end of June
- Begin undergraduate research (auburn.edu/undgres)
- Finish PPAC requirements and apply to medical or dental school in June; optometry school in July
- Continue to shadow, conduct research, participate in extracurricular activities and volunteer in the community
- Begin/continue undergraduate research (auburn.edu/undgres)

## GET INVOLVED



- Become an associate member of Alpha Epsilon Delta (AED), join the listserv, attend meetings and participate in its volunteer and leadership opportunities (auburn.edu/aed)
- Continue participation in AED-sponsored community service and leadership opportunities, attend meetings and apply for national membership
- Continue involvement with AED by attending meetings and other sponsored activities and by serving as an elected or appointed officer
- Pursue leadership roles in student organizations in which you participate including AED

## CAREER PLANNING

### AUBURN UNIVERSITY CAREER CENTER

303 MARY MARTIN HALL | AUBURN.EDU/CAREER

Becoming a primary care provider is a highly competitive and time intensive process. Individuals interested in pursuing these areas will need to begin taking advantage of volunteer and shadowing opportunities early. Strong academic performance is necessary to matriculate into professional school.

GENERAL PRACTITIONER  
MINIMUM EDUCATION: M.D./D.O.  
ENTRY LEVEL SALARY RANGE: \$120.5K - \$181.5K

DENTIST  
MINIMUM EDUCATION: D.D.S./D.D.M./D.M.D.  
ENTRY LEVEL SALARY RANGE: \$51.3K - \$163.8K

OPTOMETRIST  
MINIMUM EDUCATION: O.D.  
ENTRY LEVEL SALARY RANGE: \$48.1K - \$80.9K

Mary Martin Hall, home of the Auburn University Career Center

Updated: October 3, 2016