

# PATHWAYS | MEDICAL LABORATORY SCIENCE

Bachelor of Science in Medical Laboratory Science



COLLEGE OF  
SCIENCES &  
MATHEMATICS

## COURSE SELECTION

FRESHMAN

- Gateway courses: BIOL 1020/1021, CHEM 1110/1111 or 1030/1031, CHEM 1120/1121 or 1040/1041, MATH 1610 and core requirements

SOPHOMORE

- Continue core requirements and foundational science courses
- Gateway Courses: CHEM 2070/2071, CHEM 2080/2081, BIOL 2500/2510, BIOL 3000. Take first Laboratory Science course to learn Basics in Lab Science for upper division science courses - LBSC 2010.

JUNIOR

- Gateway Courses: BIOL 3200/3500, BCHE 5180, and an upper Laboratory Science courses: LBSC 4010/4050/4250.

SENIOR

- Gateway courses: BIOL 5200 and core req.
- Meet with your faculty advisor to select courses that prepare you for the professional clinical internship.

## ASK FOR ASSISTANCE

- Meet with the faculty advisor to choose courses each semester
- 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 for prerequisites to upper level sciences.
- Meet with a faculty advisor about options for certified Medical Laboratory Scientists (MLS) such as hospital MLS, organ transplant, MLS department supervisor or Lab Manager.

- Schedule a credit check with your academic advisor to prepare for graduation
- Attend Clinical Laboratory Science seminar on "How to apply to the professional year of 'Clinical Internship' for Medical Laboratory Science."
- Schedule final credit check with COSAM academic advisor to ensure you have all courses required from the MLS internship. Meet with the faculty advisor to discuss the application to, completion of and your graduation from the MLS internship and BS in MLSC.

## GAIN EXPERIENCE

- Shadow at AU Med Clinic or EAMC through your faculty advisor or at your local hospital laboratory.
- Volunteer at indigent-care medical clinics in the lab.

- Investigate summer internships ([auburn.edu/experience](http://auburn.edu/experience)) and Study Abroad programs ([auburn.edu/studyabroad](http://auburn.edu/studyabroad))
- Apply for laboratory technician jobs locally or on campus.

- Apply to do undergraduate research in a lab-related job ([auburn.edu/undgres](http://auburn.edu/undgres))
- Apply to work as an undergraduate teaching assistant in lab-related course you did well in. See faculty advisor for more information.

- Continue to shadow, conduct research, or work in lab-related job.
- Attend seminars from real-world speakers coming from a certified MLS (ASCP) background. See faculty advisor for details.
- Applications for clinical internships should be sent 6 months before you finish your coursework.

## GET INVOLVED

- Come to meetings for Lambda Tau (Medical and Laboratory Science Honor Society/club) and participate in its campus and leadership opportunities (Ask faculty advisor).

- Continue participation in Lambda Tau-sponsored activities and field trips to local clinical internship facilities and laboratory-related employment opportunities. Attend meetings regularly.

- Continue involvement with Lambda Tau by attending meetings and other sponsored activities and by serving as an elected or appointed officer. Show leadership skills by organizing events for the club.
- Attend field trips to clinical internships.

- Pursue leadership roles in student organizations in which you participate including Lambda Tau.

## CAREER PLANNING

### AUBURN UNIVERSITY CAREER CENTER

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

This program prepares students to enter into their year long medical laboratory internship. Students will want to maintain strong academic performance in their lecture and practical coursework. Students will find employment in hospital and laboratory settings.

**MEDICAL TECHNOLOGIST**  
MINIMUM EDUCATION: B.S.

ENTRY LEVEL SALARY RANGE: \$35.6K - \$52.7K

**MEDICAL SALES**  
MINIMUM EDUCATION: B.S.

ENTRY LEVEL SALARY RANGE: \$27.1K - \$53.3K

**LABORATORY DIRECTOR**  
MINIMUM EDUCATION: B.S./M.S./PH.D.

ENTRY LEVEL SALARY RANGE: \$68.8K - \$100.0K

These are just three options out of many that medical laboratory science 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).