


# PATHWAYS | LABORATORY SCIENCES

Bachelor of Science in Laboratory Sciences



COLLEGE OF  
SCIENCES &  
MATHEMATICS

	COURSE SELECTION	ASK FOR ASSISTANCE	GAIN EXPERIENCE	GET INVOLVED
FRESHMAN	<ul style="list-style-type: none"> <li>Gateway courses: BIOL 1020/1021, CHEM 1110/1111 or 1030/1031, CHEM 1120/1121 or 1040/1041, MATH 1610 and core requirements</li> </ul>	<ul style="list-style-type: none"> <li>Meet with the faculty advisor to choose courses each semester</li> <li>Explore career options (<a href="http://auburn.edu/career">auburn.edu/career</a>)</li> </ul>  <p><i>Sciences Center Classroom Building, home of COSAM student advising.</i></p>	<ul style="list-style-type: none"> <li>Shadow at AU Med Clinic or EAMC through your faculty advisor or at your local hospital laboratory.</li> </ul>	<ul style="list-style-type: none"> <li>Come to meetings for Lambda Tau (Medical and Laboratory Science Honor Society/club) and participate in its campus and leadership opportunities (Ask faculty advisor).</li> </ul>
SOPHOMORE	<ul style="list-style-type: none"> <li>Continue core requirements and foundational science courses</li> <li>Gateway Courses: CHEM 2070/2071, CHEM 2080/2081, BIOL 2500/2510, BIOL 3200. Take first Laboratory Science course to learn Basics in Lab Science for upper division science courses - LBSC 2010.</li> </ul>	<ul style="list-style-type: none"> <li>Use academic support services (<a href="http://auburn.edu/academicsupport">auburn.edu/academicsupport</a>) to improve your grades for prerequisites to upper level sciences.</li> <li>Meet with a faculty advisor about options for Lab scientists such as forensic scientist, public health officer medical research or industrial quality control.</li> </ul>	<ul style="list-style-type: none"> <li>Investigate summer internships (<a href="http://auburn.edu/experience">auburn.edu/experience</a>) and Study Abroad programs (<a href="http://auburn.edu/studyabroad">auburn.edu/studyabroad</a>)</li> <li>Apply for laboratory technician jobs locally or on campus.</li> </ul>	<ul style="list-style-type: none"> <li>Continue participation in Lambda Tau-sponsored activities and field trips to local clinical internship facilities and laboratory-related employment opportunities. Attend meetings regularly.</li> <li>Attend other chemistry or biology or microbiology club meetings to discover job opportunities.</li> </ul>
JUNIOR	<ul style="list-style-type: none"> <li>Gateway Courses: BIOL 3000/3500/5200, CHEM 3050/3051, and an upper Laboratory Science course - LBSC 4010.</li> <li>Continue core requirements.</li> </ul>	<ul style="list-style-type: none"> <li>Attend career-related seminars and career fairs.</li> <li>Visit the Career Center for assistance in resume writing, interviews, follow-up letters and more.</li> </ul>	<ul style="list-style-type: none"> <li>Apply to do undergraduate research in a lab-related job (<a href="http://auburn.edu/undrgres">auburn.edu/undrgres</a>)</li> <li>Apply to work as a undergraduate teaching assistant in lab-related course you did will in. See faculty advisor for more information.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>Attend field trips to related businesses such as a plasma donor testing center or artificial kidney-producing facility.</li> </ul>
SENIOR	<ul style="list-style-type: none"> <li>Gateway courses: BCHE 5180/5181, LBSC Upper level courses: LBSC 4050 and LBSC 4250 and core req.</li> <li>Meet with your faculty advisor to select courses, technical electives, that fulfill graduation requirements.</li> </ul>	<ul style="list-style-type: none"> <li>Schedule final credit check with COSAM academic advisor to ensure you have all courses required for a BS degree in LBSC.</li> <li>Schedule mock interviews with the Career Center to prepare for the employment process.</li> </ul>	<ul style="list-style-type: none"> <li>Continue to shadow, conduct research, or work in lab-related job.</li> <li>Attend seminars from real-world speakers coming from a background in laboratory science. See faculty advisor for details.</li> <li>Attend career fairs through the Career Center (<a href="http://auburn.edu/career">auburn.edu/career</a>).</li> </ul>	<ul style="list-style-type: none"> <li>Pursue leadership roles in student organizations in which you participate including Lambda Tau.</li> </ul>

## CAREER PLANNING

### AUBURN UNIVERSITY CAREER CENTER

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

This program provides students with a broad foundation of clinical and laboratory related experiences through the curriculum. Students entering into this field will want to develop strong laboratory techniques for use in a variety of fields post graduation.



Mary Martin Hall, home of the Auburn University Career Center

Updated: October 3, 2016

#### LABORATORY TECHNOLOGIST

MINIMUM EDUCATION: B.S.

ENTRY LEVEL SALARY RANGE: \$21.7K - \$34.6K

These are just three options out of many that 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).

#### MEDICAL SALES

MINIMUM EDUCATION: B.S.

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

#### FORENSIC SCIENTIST

MINIMUM EDUCATION: B.S.

ENTRY LEVEL SALARY RANGE: \$30.2K - \$44.2K