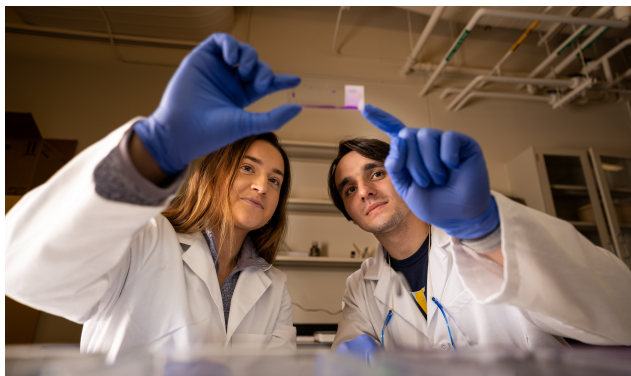


# B.A. Medical Laboratory Science | Major Map



## POPULAR CAREERS

This major prepares you to pursue a career in medical laboratory science (not to be confused with a medical scientist). As a licensed field in most states, specific training and coursework are required to enter this profession. To learn more, view the information published in O\*Net, Occupational Outlook Handbook Laboratory Science and the Augustana Catalog. Students are encouraged to speak with or shadow professionals during their second year to understand more fully the nature of the work.

## POPULAR EMPLOYERS

Hospital laboratories, pharmaceutical companies, transplant & blood donor centers, public health departments, nonprofit organizations, educational institutions, university laboratories, government agencies, fertility clinics, veterinary clinics

## SIGNATURE EXPERIENCES

- **Laboratory**
  - One-year, hands-on experience in a local hospital laboratory
- **Research Opportunities**
  - Biotechnology associations
  - BRIN
  - Sanford Program for Undergraduate Research (SPUR)
- **Study Away**
  - Browse the list of current offerings at [augie.edu/StudyAwayPortal](http://augie.edu/StudyAwayPortal), and contact the IPO to discover opportunities related to your vocational goals.

## WHY STUDY MEDICAL LAB SCIENCE?

The training for medical laboratory science (MLS) is one of the fastest ways to translate your hands-on laboratory experiences from Augustana and our hospital affiliates into a stimulating vocation. If you've ever wanted to be a critical component in helping diagnose and detect conditions that directly impact human health and you have a love of using your hands in the laboratory, medical lab science is a great way to apply your knowledge and skill. To earn a bachelor's degree in MLS, a student must complete three years of coursework at Augustana, including MLS prerequisite science courses and Augustana general education courses. In the fourth year, the student will complete 12 months of classroom and hands-on laboratory study at an accredited medical laboratory science program. A prospective major must apply to an MLS program during the fall of their junior year. Alternatively, a number of students interested in medical laboratory science complete the 1-year MLS program after obtaining a Bachelor of Arts degree with another major — usually biochemistry, biology or chemistry.

# B.A. Medical Laboratory Science | Major Map

## EMPHASIS OPTIONS

Biology | Chemistry | Biochemistry

### FIRST YEAR

### MIDDLE YEAR(S)

### LAST YEAR

#### EXCEL ACADEMICALLY

- Review SOPHIA and program requirements with your academic advisor.
- Review your degree audit report, and create a plan of study in Academic Planner.
- Enroll in BIOL 120 & 121, CHEM 116 & 117 and consider a math course.
- Participate in FYS 112 to confirm your major, hear from upper-level students about signature experiences and chart a personalized plan for your engagement.
- Choose or confirm your major(s) or minor(s).

- Contact the Student Success Center to declare any second majors or minors.
- Engage in research, and present your work at the annual research symposium.
- Enroll in BIOL 233 & 234 and CHEM 201, along with a statistics course and additional chemistry course.
- Consider working as a laboratory technician or assistant to gain experience.
- Apply to a professional medical laboratory program during the fall semester of your junior year.

- Apply to graduate no later than Oct. 1, and review the degree audit provided by the Registrar's Office.
- Begin medical laboratory program courses in a hospital program.

#### ENGAGE & APPLY YOUR LEARNING

- Access your Viking Central account. Participate in campus clubs and organizations such as Tri-Beta Honor Society, Biology Club, HAPPY., Kidney Disease Screening & Awareness Program (KDSAP), Women in STEM and Student Members of the American Chemical Society (SMACS).
- Explore study-away opportunities at the study-away fairs.
- Create an account in Augie Opportunities.

- Attend the Sophomore Retreat.
- Engage in campus leadership, internships, service, study away and relevant summer employment.
- Participate in the alumni mentor program.
- Consider elite scholarship opportunities, such as the Fulbright, Rhodes or Truman.
- Earn the Diversity Advocate Certificate.
- Apply for Knight Internship Funds and ASA transportation funds. Pursue elite fellowships.

- Share your application to medical laboratory science programs with your advisor and CAP specialist for feedback.
- Attend the BIG (Business, Industry and Government) Career & Internship Fair.
- Continue to connect with alumni.
- Participate in mock interviews and networking events.
- Complete the career outcome survey to update us of your employment or enrollment in graduate school.
- Join the Augustana alumni community.

**CHART YOUR COURSE TODAY!**

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