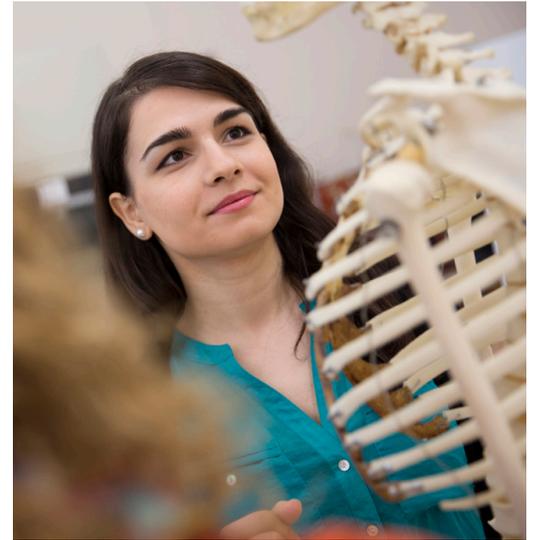


BIOMEDICAL SCIENCES

This major is the perfect foundation if you're aspiring to medical school, biomedical research or other work related to human health. It allows you to combine biology, chemistry and mathematics coursework required for graduate, medical and other professional health schools in a flexible and efficient four-year program. And **because of this major's interdisciplinary nature, you won't need a separate minor, which will also reduce your time to graduation.**



The Alverno difference

Alverno is internationally known for its unique abilities-based curriculum. You'll strive to achieve your personal best by practicing the hands-on skills valued by professional health schools and employers: critical thinking, problem-solving, leadership and communication. These skills will help you stand out in interviews and at the workplace. In fact, employers frequently tell us that Alverno graduates are more poised and prepared than their peers.

Stellar science training

You'll master the essential toolkit of the professional scientist: how to communicate effectively about scientific phenomena, analyze quantitative and qualitative data, apply frameworks from various fields of natural science, and solve problems through scientific investigation with accuracy and safety. The biomedical emphasis in this major — through courses such as Human Anatomy and Physiology, Microbiology and Biochemistry — will also help prepare you for the Medical College Admission Test or other work in the health field.

The support you need to succeed

Forget about giant lecture halls or vying for face time with professors. Alverno's 10-to-1 student-to-faculty ratio and small class sizes will allow you to perform your best. If you plan to go to medical school or another professional health school, Alverno's Pre-Health program offers seminars, personalized advising, peer support and other resources to help make you a competitive candidate.

Get involved

Looking for more experiences to bolster your resume? Join one of Alverno's dozens of student organizations — including Pre-Professional Women of Alverno — to practice your leadership skills and connect with other students. You can put your science skills to use (while getting paid) as a lab assistant, a

WHERE CAN A
BIOMEDICAL SCIENCES
DEGREE TAKE YOU ...

BIOLOGIST
CHEMIST
DENTIST
EDUCATOR
LABORATORY TECHNICIAN
PHYSICIAN
PHARMACEUTICAL SALES
PHARMACIST
PHYSICAL THERAPIST
PHYSICIAN ASSISTANT
RESEARCH SCIENTIST
VETERINARIAN

SAMPLE CURRICULUM

FIRST YEAR

Calculus I
 Foundations of Chemistry
 Foundations of Biology
 Chemistry of Bioorganic Molecules

SOPHOMORE YEAR

Organic Chemistry
 Microbiology
 Biochemistry
 Human Anatomy and Physiology

JUNIOR YEAR

Probability and Statistics
 Organic Chemistry II
 Genetics
 Advanced science or mathematics
 electives

SENIOR YEAR

Physics I
 Physics II
 Advanced science or mathematics
 electives
 Internship Seminar

tutor in the Daniel M. Soref Science and Mathematics Resource Center or a mentor to high school students through Alverno's Girls' Academy of Science & Mathematics. You might also participate in faculty-student research through the Center for Academic Excellence or travel to professional conferences.

Internships for the Biomedical Sciences student

Alverno's Internship Office, which is connected to more than 2,000 partner sites, can help you find the right opportunity to advance your goals. Past internships sites have included the Medical College of Wisconsin, the Milwaukee County Health Department, Sigma Aldrich, the Water Technology Accelerator at the Global Water Center, and the Milwaukee County Zoo.

How you can use your degree

Many students will move on to graduate, medical or other professional health schools. Alverno graduates have gone on to study at the Medical College of Wisconsin, University of Wisconsin-Madison, University of Wisconsin-Milwaukee, Marquette University, University of Minnesota and Butler University, among other schools. Other students choose to go straight into the workforce in research, industry or teaching.

Why study Biomedical Sciences at Alverno?

"Medicine was something that was always interesting to me, and I knew since I started college that I wanted to go to medical school and one day provide accessible health care to low-income or underrepresented communities. Alverno really pushed me to get research experiences and to do shadowing and volunteering. Faculty helped me with my resume and interviews, and I felt like I was really prepared for the med school application process and interviews." — Nereida Sotelo '13, student at The Ohio State University's College of Medicine



GET IN TOUCH!

Have questions about studying Biomedical Sciences at Alverno? We invite you to connect with faculty to learn more.

Amal El-Sheikh

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