

PHARMACEUTICAL SCIENCES

A partnership between Alverno College and Concordia University Wisconsin

Whether you want to prepare life-saving medications for patients or work in a research laboratory to develop the next cure, this dual degree program can prepare you for a rewarding career in the pharmaceutical field. It can also help you earn that white coat faster: it combines just three years of Pharmaceutical Sciences studies at Alverno with Concordia's four-year Doctor of Pharmacy program.



The Alverno edge

Alverno is internationally known for its unique abilities-based curriculum. Instead of competing against classmates, you'll strive to achieve your personal best by practicing the hands-on skills valued by pharmacy schools: 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.

Admission into pharmacy school

During your third year at Alverno, you'll apply to Concordia's School of Pharmacy. To be guaranteed an interview, you must successfully complete Concordia's admissions requirements within the Pharmaceutical Sciences program, maintaining a 2.75 GPA and a C- or better in all pre-pharmacy courses, and score a minimum of 35 on the Pharmacy College Admission Test (PCAT). If you go on to Concordia, you will receive a Bachelor of Science in Pharmaceutical Sciences from Alverno after you complete your first year of pharmacy school. If you do not move on to Concordia, you can complete your fourth year at Alverno to earn a Bachelor of Science in Integrated Natural Sciences, or you can choose to immediately receive an associate degree in Integrated Natural Sciences from Alverno with no additional coursework required.

The support you need to succeed

Forget about giant lecture halls or vying for face time with professors in crowded classes. Alverno's 10-to-1 student-to-faculty ratio and small class sizes — almost always under 25 students — will allow you to perform your best. Alverno's Pre-Health program offers seminars, personalized advising, peer support and other resources to help make you a competitive candidate for pharmacy school.

WHERE CAN PHARMACEUTICAL SCIENCES TAKE YOU?

LABORATORY TECHNICIAN
 PHARMACIST
 DRUG ANALYST
 PHARMACEUTICAL SALES
 PHARMACOLOGIST
 CONSUMER SAFETY OFFICER
 PROFESSOR
 RESEARCH SCIENTIST

SAMPLE PHARMACEUTICAL SCIENCE CURRICULUM:

First year

Foundations of Chemistry
Foundations of Biology
Chemistry of Bioorganic Molecules

Second year

Calculus I
Probability and Statistics
Organic Chemistry
Analytical Chemistry

Third year

Physics I
Organic Chemistry II
Economic Environment
Biology of Plants
Advanced science electives

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 who share your passions. You can put your science skills to use (while getting paid) as a lab assistant or a tutor in the Daniel M. Soref Science and Mathematics Resource Center, or you can mentor high school students through Alverno's Girls' Academy of Science & Mathematics. You might also work with faculty on research projects or travel to professional conferences.

Internships for the Pharmaceutical 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. Some past internships sites have included the Medical College of Wisconsin, the Milwaukee County Health Department, Sigma Aldrich and the Water Technology Accelerator at the Global Water Center.

How you can use your degree

Most students will elect to go on to pharmacy school at Concordia. But if you decide to go straight into the workforce, your science degree will prepare you for a variety of jobs in research, industry or teaching.

Why study Pharmaceutical Sciences at Alverno?

"Problem solving and analysis are the two main Alverno abilities I use constantly to work through patient cases and analyze how to treat a patient. Alverno will challenge the way you think, and it's important in the pharmacy world to question medication orders and dosing regimens because pharmacists are the medication experts. Alverno helped me build confidence to challenge and ask questions, especially when a patient's life is at stake." — Alexandria Sweetman '14, PharmD candidate at Rosalind Franklin University's College of Pharmacy

GET IN TOUCH!

Have questions about the Pharmaceutical Sciences program at Alverno? We invite you to connect with faculty to learn more.



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