

CHEMISTRY



All photos by Lisa Wareham Photography

WHAT IS CHEMISTRY?

Chemistry is often referred to as the central science—it is the nature of matter. It is the crux of explaining the real world and extends beyond the classic areas of the field into exciting interdisciplinary areas such as computational chemistry, biotechnology, biogeochemistry, and materials science. Chemists study substances at the atomic and molecular levels and how substances interact.

At Montana Tech, several areas of specialization are available at the undergraduate level. Each area is designed to enhance knowledge in the special area while maintaining a strong chemical orientation. Areas of specialization include Biochemistry, Environmental Chemistry, and a Professional track. Our students are involved in both fundamental and applied research, and engage in a combination of studies that prepare them for careers and research across the spectrum of chemistry disciplines.

WHAT TYPES OF SKILLS DO YOU NEED?

- Critical thinking
- Attention to detail
- Hands-on, laboratory experience
- A love of science

WHAT CAN YOU DO WITH YOUR DEGREE?

Career opportunities for chemistry graduates are found in nearly every industry. A Montana Tech chemistry graduate has the professional knowledge, skills, and experience necessary for a variety of paths such as forensics, nanotechnology, teaching, and pharmacy. Career paths from the biochemistry option include human and veterinary medicine, dentistry, pharmacy, optometry, medical technology, chiropractic and naturopathic medicine, etc.

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[MTECH.EDU/CHEMISTRY](https://mtech.edu/chemistry)

Contact: Dr. Katie Hailer | 406-496-4117



Montana Tech has given me so many wonderful opportunities. The faculty and staff are some of the best in the business. They put the students above all and really care about your education and your readiness for the working world. This is one of the main reasons I chose to continue my education at this prestigious institution. A career in STEM is very challenging but that is what makes them so rewarding. Montana Tech does an outstanding job at getting students involved and exposed to potential employers. I obtained my first internship from the Spring Career Fair, and the classes I took at Montana Tech prepared me immensely for this role. Now that I'm a senior, I feel competent and capable that everything I have learned in my time here has prepared me more than any other institution would.

APRIL DEGEL | SHERIDAN, MT | CLASS OF 2020

ADMISSIONS CHECKLIST

mtech.edu/apply

- APPLY FOR ADMISSION
www.mtech.edu/apply
- APPLY FOR FEDERAL FINANCIAL AID
www.mtech.edu/fafsa
FAFSA Code: 002531
- APPLY FOR SCHOLARSHIPS
www.mtech.edu/scholarships
- RESERVE HOUSING
www.mtech.edu/housing
- REGISTER FOR CLASSES
www.mtech.edu/registration
*MMR Immunizations required

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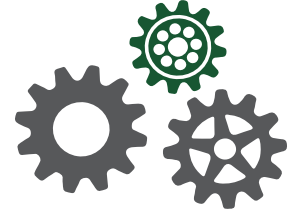
80% PLACEMENT INTO
MEDICAL SCHOOL



100% PLACEMENT
INTO GRADUATE SCHOOL



14:1 STUDENT TO
FACULTY RATIO



3 ACADEMIC
CONCENTRATIONS

COMPANIES WHO HAVE HIRED OUR GRADUATES



ENGAGED FACULTY WITH
EXPERIENCE & EXPERTISE



ACS CERTIFICATION



HANDS-ON LEARNING
ENVIRONMENT



BACHELOR AND
MASTER OF SCIENCE