



# Career Pathways

## Healthcare Careers

Common options include medical school, dentistry, physician assistant, pharmacy, physical therapy, medical lab sciences, and veterinary medicine.

<https://career.uccs.edu/pre-health-healthcare/tracks>

## Quality Assurance

Chemistry and Biochemistry are critical tools to ensure water quality, food safety, drug efficacy, and more. The government and private companies employ many chemists and biochemists to help certify safety and quality.

## Research and Development

Companies and government labs pay scientists to make discoveries that better the world. Experimental and computational research improves medicine and drives technological advances. Advanced degrees (master's or PhD) are often required.

## Environmental Science

Chemists and biochemists play important roles in research that helps us understand earth's natural systems and human impact.

## Academia

The purpose of academia (universities) is to improve human knowledge. This is achieved both by educating the next generation and doing research to push the boundary of what is known. Foundational research paves the way for future discoveries.

## K-12 Education

The UCCS Teach Program prepares STEM majors with the skills and licensure needed to teach science in Colorado.

## Science Policy

Science backgrounds are useful for careers in patent law, policy advising, and science communication.

This is not an exhaustive list! Come chat with a faculty member if you want to discuss these or other options.