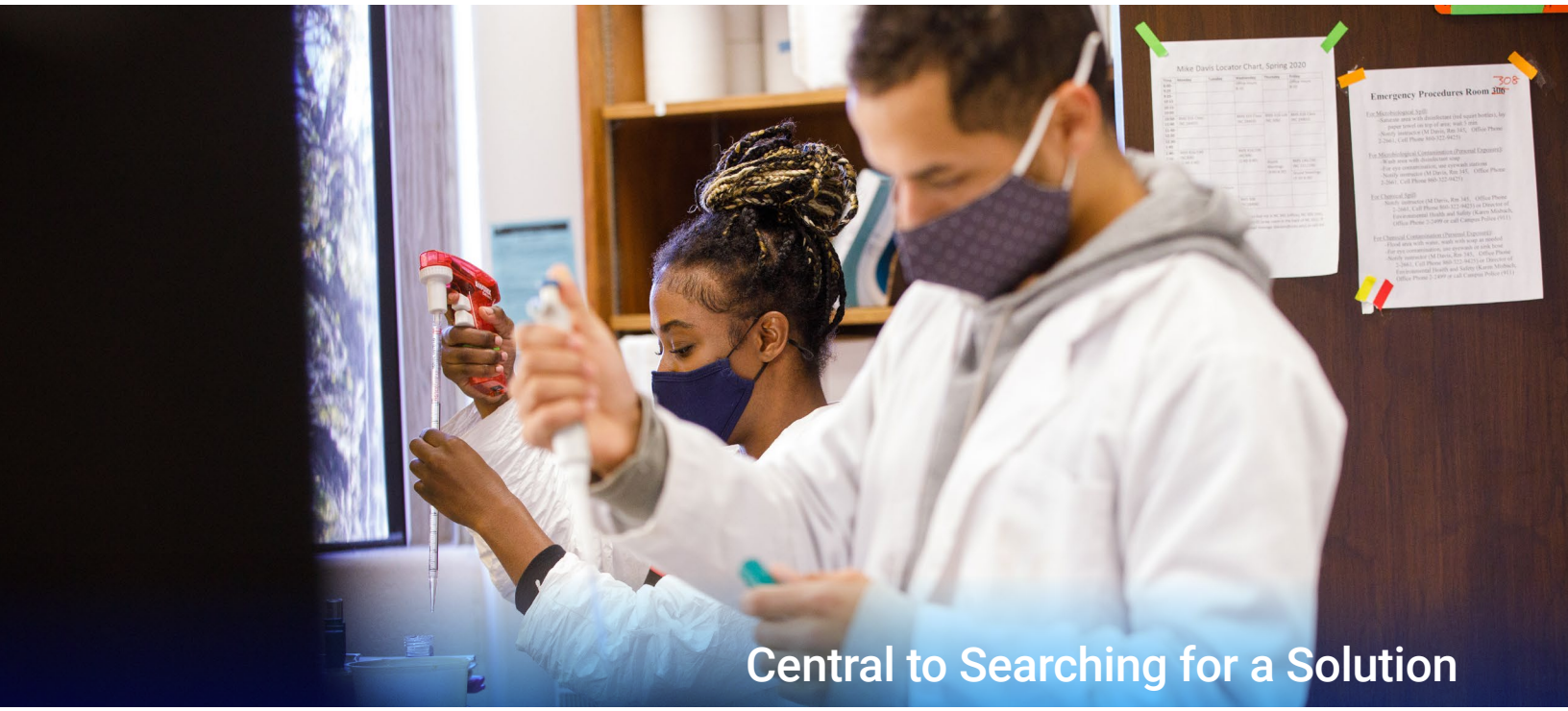
BIOCHEMISTRY

Bachelor of Science



Central's BS in Biochemistry provides students with a strong foundation in both molecular biology and in chemistry. Students receive training in courses and programs that are reviewed and certified by the American Chemical Societies, one of the oldest (1876) and largest (175,000 members) professional societies in the United States.

In addition to in-class laboratory instruction, the program emphasizes independent student research conducted under the guidance of a faculty member. Many of our students present their work at national conferences and several each year are co-authors on faculty publications.

Students seeking industry positions often start working in chemistry labs before graduation. Graduates of the program are generally placed in jobs, graduate schools, or professional schools within six months of graduating

Program Features

- Small class sizes
- Opportunity for hands-on training
- Student involvement in original research projects
- Access to a variety of modern lab equipment enriches class instruction
- Prepares students for careers or advanced study in molecular biology, biochemistry, or health-related fields
- Faculty remain active professionally by serving on boards of conferences and scientific societies, particularly in the Connecticut Valley Section of the American Chemical Society
- Financial aid and scholarships available
- Free on-campus child care available

CENTRAL CONNECTICUT STATE UNIVERSITY

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Program Options

- **General Track:** Provides students with flexibility to choose courses to fit their interests. Students in this track are prepared for careers in industry or professional schools (i.e., medical, pharmacy).
- **ACS Certified Track:** Follows the guidelines of the American Chemical Society and gives students the best preparedness for graduate school or higher-level careers in chemistry and related fields.

DID YOU KNOW?

In 2021, we have placed five graduates in PhD programs, all with full fellowship funding, which means they pay no tuition and receive annual pay of $25-35k for attending graduate school.

Additionally, all other graduates either entered professional programs (e.g., pharmacy school) or had jobs in the chemical industry within 3 months of graduation.

SCAN ME

Clubs

American Chemical Society Student Affiliate Club (aka, Chem Club) has events for the campus community and career events for its members. Chem Club also plans an annual trip to the National Meeting of the American Chemical Society, where our students present original research to the broader chemical community.

Career Outlook

An Earth Science degree can lead to multiple career paths across multiple sectors (nonprofit, academic, government, and industry) including environmental consulting, research science, data analysis, science writing and illustration, public policy and law, museum and planetarium curation, and education.

Source: americangeosciences.org/workforce/workforce-infographic

The U.S. Bureau of Labor Statistics projects continued growth in the geoscience industry, particularly in sectors related to energy, environmental protection, and resource management.

Source: bls.gov/ooh/life-physical-and-social-science/geoscientists

Students in the Earth Sciences report a high level of satisfaction with their majors and career options.

Source: forbes.com/sites/trevornace/2015/12/18/geology-students-happiest-college-campus-study

ABOUT CENTRAL:
Central Connecticut State University is the largest university within the Connecticut State Colleges and Universities system. Founded in 1849, Central is also the state's oldest publicly funded university. Our campus is located in New Britain, Connecticut. Central is accredited by the New England Commission of Higher Education (NECHE).

Information is subject to change. Please visit our website or contact graduate admissions for the most up to date information.