



Central to Conducting High-Impact Research.

Central's BS in Biomolecular Sciences prepares students for careers in biomedical research and for health professions. Coursework focuses on molecular biology, cell biology, genetics, microbiology, developmental biology, physiology, and current advances in biomedical research.

At the core of the program is student-centered research. These faculty mentored projects provide students with critical experience desired by employers and for admissions to graduate programs in the health professions and biomedical science.

Our facilities include:

- Microbiology lab (certified by the Connecticut State Department of Public Health)
- Cell culture suite
- Animal suites
- Fluorescent microscopes, Real-time PCR machine

“At Central, particularly in the BMS department, there's accessibility to professors who are there for you. You won't just be a number lost in a sea of students; you'll be an individual.

- Michelle Kayser, MD, '13
Pediatrician

Program Features

- Students engage in research projects with BMS faculty
- Includes all pre-requisites needed for application to medical, dental, pharmacy, physician's assistant programs, as well as other health related programs
- Opportunities to travel to research conferences
- Faculty coordinate and students volunteer with outreach programs in local middle and high schools
- Weekly seminars feature faculty research, student research, visits from graduate programs, alumni speakers
- Financial aid and scholarships available
- Free on-campus child care available



Career Preparation

Graduates of Central's BS in Biomolecular Science go on to careers in the biomedical, pharmaceutical, biotech, and research industries.

Following graduation, many Central Biomolecular Science students further their education in medicine, dentistry, pharmacy, and veterinary medicine, become physician's assistants or physical therapists, or enroll in accelerated nursing programs.

Graduates are well equipped to pursue Masters and Doctoral programs in Biomedical Science.

Clubs

As members of the **Biology Club** or the **PreHealth Club** students travel to regional and national research conferences, receive departmental honors, form an active network of BMS alumni, and pursue grant funding for student projects.



I'm a strong believer that regardless of the field you decide to go into, the BMS degree will prepare you and equip you with the mind-set and the skills you need to enter it. It's a small program, but it's a high-quality program. The professors truly care about you and developing you into the best scientist, physician, PA, you can be.

- Mohammed Ahsan '21
Current Physician's Assistant student



Overall, my decision to attend Central was one of the best decisions of my life. I had an excellent educational experience that equipped me for my PhD training and was the springboard to the life I currently have and love. Also, I met the best people there who have truly impacted my life, many of whom are faculty at Central and who I am so grateful to have encountered on this journey.

- Elizabeth Marnik, PhD, '11
Professor



PROGRAM WEBSITE

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).

