Biochemical Engineering Minor

Swenson College of Science and Engineering

Significant advances in the biological sciences and engineering have had a dramatic effect on the environmental, chemical, and health care industries. Chemical engineering programs have become more diversified to include curriculum in biochemical engineering. The biochemical engineering minor provides students with additional training in this growing field beyond their traditional coursework. Students will gain the basic knowledge of the biological sciences and design as applied to bioreactor engineering and downstream processing.

The influence of the biological sciences in all academic disciplines within the sciences and engineering continues to expand. Any student may pursue a minor in biochemical engineering.

Why UMD

- Active learning environment
- Access to state-of-the-art instrumentation
- Focus on undergraduate teaching and research

Student Clubs

American Institute of Chemical Engineers (AIChE) [1] - UMD’s official community for chemical engineers where you can meet other students and faculty, and find out about employment and research opportunities.

Biology Club [2] - Students interact socially and academically with peers and department faculty, contribute to service projects and fundraisers, take a break from your studies, enjoy activities like picnics, camping trips, bowling excursions with faculty and intramural sports, Ask questions about biology classes or faculty, Share feedback and get information from departmental administrators.

Chemistry & Biochemistry Club (Chem Club) [3] - Explore chemistry through fun and educational demonstrations while hanging out with other people interested in chemistry.

In addition to these clubs, some of our chemistry majors are involved in pre-professional clubs such as the following: Pre-Dentistry Club, Pre-Medicine Club (Pre-Med Club), Pre Optometry Club, Pre-OT Club, Pre-Pharmacy Club, Pre-Physical Therapy (Pre PT), Pre-Physician Assistant Club (Pre-PA Club), Pre-Veterinary Medicine Club.

We have a number of engineering groups on campus including but not limited to, the Society of Women Engineers, the Order of the Engineer, the Minnesota Society of Professional Engineers and Tau Beta Pi Honor Society.

Links

[1] https://bulldoglink.d.umn.edu/organization/AICHE
[3]
https://bulldoglink.d.umn.edu/organization/chemistryandbiochemistryclub