



UNC GREENSBORO

College of Arts
and Sciences

Major & Concentration(s)

Biochemistry (BS)

Contact

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BIOCHEMISTRY

The B.S. in Biochemistry prepares students for graduate training in the biochemical sciences, medicine, and other health professions, or for employment in biotechnology and the pharmaceutical, and chemical industries. The curriculum follows the guidelines recommended by the American Chemical Society and the American Society for Biochemistry and Molecular Biology and meets most requirements for admission to medical, dental, veterinary, or pharmacy schools, making it popular among students on those pre-professional tracks.

Degree Outcomes

- Faculty positions at New Mexico State University, Francis Marion University, and Barnard College.
- Certifying scientist, Ameritox, Greensboro, N.C.
- Laboratory manager, Mass Spectrometry Facility, UNC-Chapel Hill.
- Staff scientist in analytical sciences/metabolomics at the David H. Murdock Research Institute in Kannapolis, N.C.
- Analytical/R&D lab manager for Qvape Juice, Raleigh, N.C.
- Quality and regulatory safety associate with New Chapter Inc., a subsidiary of Procter & Gamble, Brattleboro, Vt.

The Student Experience

- Students participate in research internships and a chemistry/biochemistry internship course, and work as lab assistants and research assistants.
- Student clubs and organizations include Skeptical Chemists Club (American Chemical Society Student Affiliates), which organizes lectures and seminars for students and arranges social outings, and the Environmental Awareness Foundation, which promotes responsible scientific practices to maintain a healthy ecosystem.
- Students are often involved in faculty research projects and students frequently included as co-authors or presenters at national conferences for chemical research findings.

Accolades & Accomplishments

- Program is one of only three biochemistry B.S. programs in N.C.; greater emphasis on biology distinguishes the degree from B.S. in chemistry.
- With a strong emphasis on teaching, active faculty include two UNCG Alumni Teaching Excellence Award winners, four College of Arts and Sciences Teaching Excellence award winners, and one UNC Board of Governors Teaching Excellence Award winner.
- Faculty research is funded by National Institutes of Health, National Science Foundation, the N.C. Biotechnology Center, and the American Chemical Society Petroleum Research Fund.

Accreditations & Affiliations

- The American Chemical Society