

Student Learning Outcomes

A student who earns a Bachelor of Arts or a Bachelor of Science Degree from the Department of Chemistry and Biochemistry at the University of North Carolina Wilmington will:

1. Demonstrate an understanding of the fundamental principles and concepts associated with each of the major branches of chemistry: Organic, Analytical, Physical, Inorganic and Biochemistry.

Measures: C or better Performance on end of semester comprehensive examinations

2. Demonstrate the ability to perform laboratory-based experiments, utilizing appropriate equipment, applying proper procedures and adhering to safety guidelines.

Measures: Observation during laboratories and laboratory practicals; Performance on laboratory written exams.

3. Demonstrate the ability to use modern library searching and retrieval methods to obtain information about a topic, chemical, chemical technique, or an issue relating to chemistry.

Measures: Evaluation of library-based projects assigned in CHM 102, CHM 250, etc.

4. Communicate the results of scientific investigations both orally and in writing.

Measures: Graded laboratory notebooks and reports. Evaluation of senior seminar and honors/DIS presentation where applicable.

5. Participate effectively as a member of a group assigned to solve a chemical problem.

Measures: Observations during Senior Seminar