Chemistry & Biochemistry

BS curriculum in Chemistry and BS curriculum in Biochemistry

These curricula, accredited by the American Chemical Society, prepare students for careers in pure and applied chemistry with a dual emphasis on classroom and laboratory experience. A flexible senior year allows students to tailor the program to individual professional goals. Graduates are prepared to enter the profession immediately or continue for advanced degree programs. The senior research program introduces students to modern advanced techniques and approaches to chemical research in an area of their interest by having them complete an individual research project in conjunction with a faculty adviser.

BA curriculum in Chemistry

The BA curriculum in Chemistry provides a strong background in chemistry while allowing students to specialize in areas of interest. It is especially well suited for students leaning towards medical sciences while allowing more flexibility than that allowed in the American Chemical Society accredited biochemistry curriculum. The program allows for great versatility in the junior and senior years, allowing the curriculum to be tailored to individual goals. The curriculum prepares students for professional careers in chemistry or biochemistry and advanced degree programs in chemistry, biochemistry and medically related fields.

Clinical Laboratory Sciences

The Division of Clinical Laboratory Sciences has two curricula leading to the degree of bachelor of science in laboratory technology or bachelor of science in medical technology. These curricula prepare students for medical laboratory careers in fields such as public health, bacteriology, environmental testing, industrial quality control, research and forensic science. Graduates may choose to qualify as certified medical technologists, which is accomplished by successfully completing a 12-month training period (rotating hospital internship) in an accredited school of medical technology and passing a national certifying examination.

Majors

- BA Chemistry (http://bulletin.auburn.edu/undergraduate/collegeofsciencesandmathematics/chemistryandbiochemistry/bacurriculuminchemistry_major)
- BS Chemistry (http://bulletin.auburn.edu/undergraduate/collegeofsciencesandmathematics/chemistryandbiochemistry-bscurriculuminchemistry_major)
- Biochemistry (http://bulletin.auburn.edu/undergraduate/collegeofsciencesandmathematics/chemistryandbiochemistry/biochemistry_major)
- Laboratory Sciences (http://bulletin.auburn.edu/undergraduate/collegeofsciencesandmathematics/chemistryandbiochemistry/laboratorytechnology_major)
- Medical Laboratory Sciences (http://bulletin.auburn.edu/undergraduate/collegeofsciencesandmathematics/chemistryandbiochemistry/medicallaboratorytechnology_major)