

BS Biochemistry: ACS Certification Calculator

Some students choose to complete a BS Biochemistry degree that is certified by the American Chemical Society (ACS). For this option, 400 hours of eligible lab courses beyond CHEM 1501 and CHEM 1511 are required. This tool will allow you to determine if your lab course selections add up at least 400 hours.

CHEM 2501 - Organic Chemistry Laboratory: Techniques (40)

CHEM 2511 - Organic Chemistry Laboratory: Applications (40)

CHEM 2521 - Organic Chemistry Laboratory: Projects (30)

CHEM 3000 - Quantitative Analysis (60)

CHEM 3511 - Physical Chemistry Laboratory: Techniques and Analysis (40)

CHEM 3521 - Physical Chemistry Laboratory: Applications and Modeling (40)

CHEM 4000 - Instrumental Analysis (70)

CHEM 4701 - Synthetic Inorganic Chemistry Laboratory (40)

CHEM 4600 - Advanced Enzymology (50)

CHEM 4610 - Theory and Methods for DNA Analysis (40)

CHEM 4990 - Undergraduate Research (40 each)

(Please select the number of CHEM 4990 credits taken from drop down.)

BIOL 3100 - Microbiology (30)

BIOL 4751 - Cell Biology Lab (40)

Total

- If your total is 400 hours or more, you have adequate lab hours; please see the course catalog to ensure you've fulfilled other requirements.
- If your total is less than 400 hours, you will need to add more hours to become ACS certified.