

CHECKSHEET - BS IN CHEMISTRY – ACS CERTIFIED

(All degrees require completion of 40 upper division hours. This check sheet is to aid students in class planning but is not meant to replace any eight semester plan or the undergraduate bulletin. For any questions, check the graduation requirements detailed in the [undergraduate bulletin](#).)

- CHEM 1450: College Chemistry I
- CHEM 1451: College Chemistry II
- CHEM 2401: Organic I
- CHEM 3411 Organic II
- CHEM 3211: Organic Spectroscopy
- CHEM 3520: Quantitative Analysis
- CHEM 4451: Advanced Analytical
- CHEM 4450: Physical Chemistry I
- CHEM 4460: Physical Chemistry II
- CHEM 4380: Advanced Inorganic
- CHEM 3150: Advanced Inorganic Laboratory
- CHEM 4320: Biochemistry I
- CHEM 4112: Seminar
- CHEM 4V01: Research (minimum of 2 credit hours)
- One of the following:
 - CHEM 3360: Intermediate Inorganic
 - CHEM 4335: Biochemistry II
 - CHEM 4351: Environmental Chemistry
- MATH 1496: Calculus I
- MATH 1497: Calculus II
- MATH 2471: Calculus III
- MATH 3331: Differential Equations
- PHYS 1441: University Physics I
- PHYS 1442: University Physics II
- BIOL 1440: Principles of Biology I (prerequisite for CHEM 4320)