

**CHECKSHEET - BS IN CHEMISTRY – Non-ACS**  
**MINOR REQUIRED**

(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 3360: Intermediate Inorganic OR CHEM 4380: Advanced Inorganic
- CHEM 4450: Physical Chemistry I
- CHEM 4460: Physical Chemistry II
- CHEM 4320: Biochemistry I
- CHEM 4112: Seminar
- MATH 1496: Calculus I
- MATH 1497: Calculus II
- MATH 2471: Calculus III
- PHYS 1441: University Physics I (or PHYS 1410: College Physics I if previously approved)
- PHYS 1442: University Physics II (or PHYS 1420: College Physics II if previously approved)
- BIOL 1440: Principles of Biology I (prerequisite for CHEM 4320)