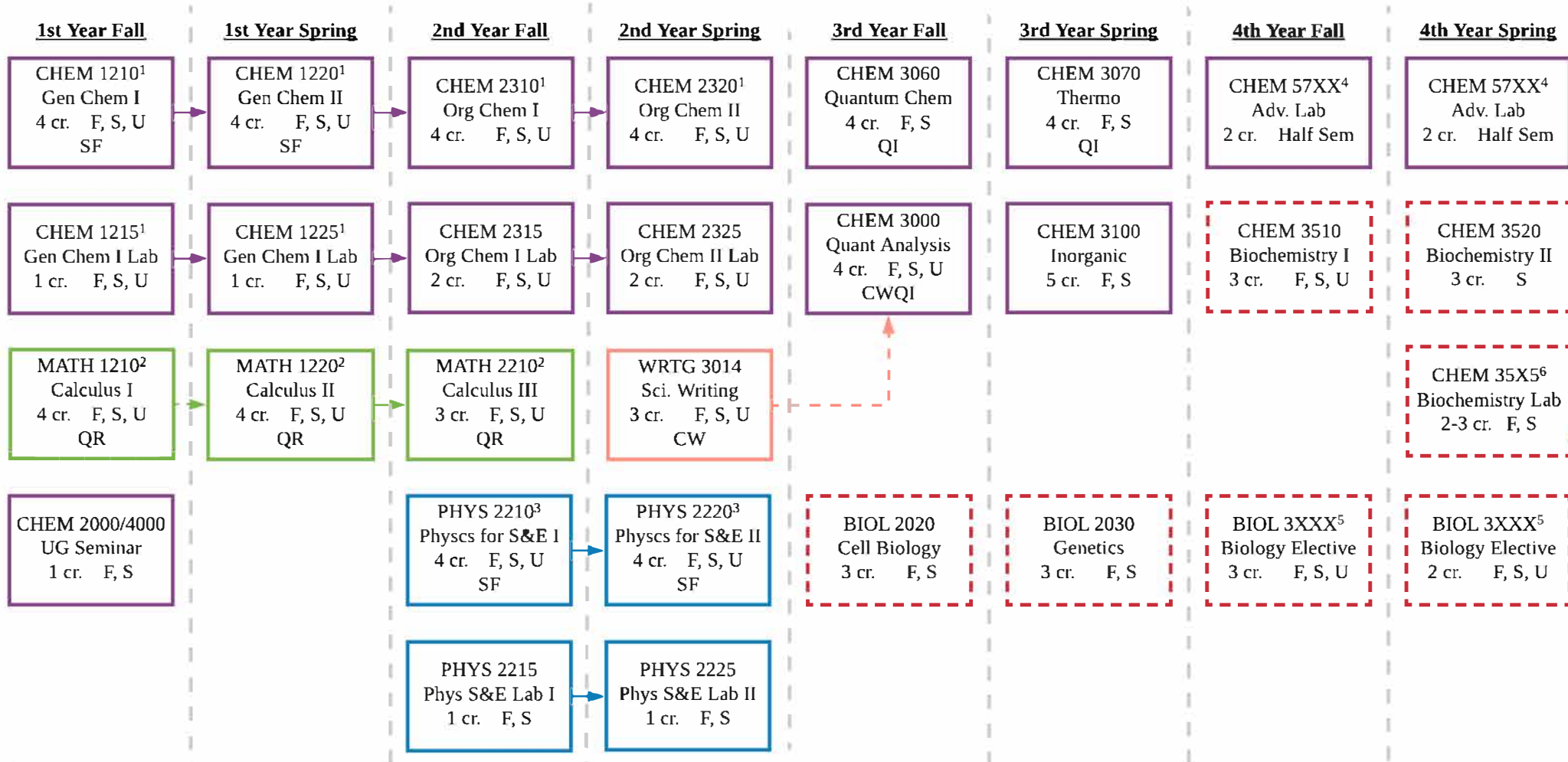


Chemistry Course Requirements - Biological Emphasis (2020-2021)

The Biological emphasis has more biology electives and less math. Satisfies many of the prerequisites for students planning to attend health related post-bachelor's schools, such as medical, dental, pharmaceutical, or wanting to pursue graduate school in medical or biological chemistry.



- 1) Honors versions of available. Sequence starts in the Fall. Must apply to be in the class.
- 2) Talk with advisors to see how other calculus sequences could fulfill the calculus requirement.
- 3) Honors versions are PHYS 3210 + 3220.
- 4) 2 upper division labs required. Fall options: CHEM 5710 (org) 1st half, CHEM 5730 (inorg) 2nd half. Spring options: CHEM 5700 (ana) 1st half, CHEM 5720 (phys) 2nd half, CHEM 3200 (radiochem) + NUCL 4000 Spring + Fall.
- 5) Need at least 5 credits of biology-related electives. Check Degree Audit to see accepted biology electives. Contact chemistry advisors to determine if a course not listed could fulfill this requirement. CHEM 4800 (research), CHEM 4999 (Honors Thesis), or CHEM 4965 (internship) can waive 2 credits.
- 6) For biochemistry labs, students can take CHEM 3515 (Biochemistry Lab, Spring), 3525 (Molecular Biology of DNA Lab, Fall), or CHEM 5750 (Adv. Chemical Biology Lab, 1st half Spring)