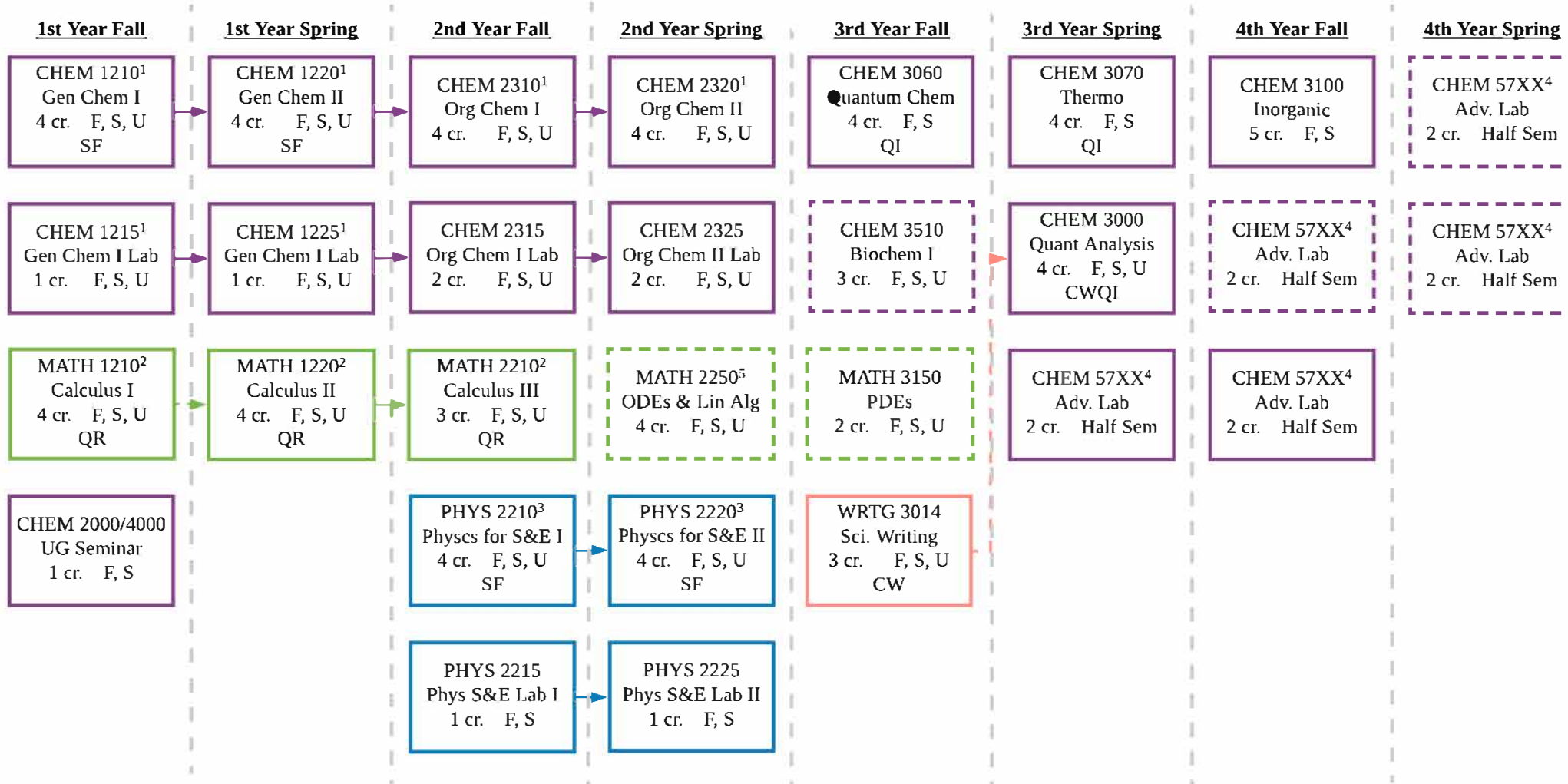


Chemistry Course Requirements - Professional Emphasis (2020-2021)

The Professional emphasis is the traditional chemistry major; this path offers an in-depth look into the many distinct areas of chemistry. Students in this emphasis are prepared to apply for many post-bachelor programs, such as graduate school, or work for a chemical company.



- 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) Need to take 10 credit hours of upper division lab. Fall options: CHEM 5710 (org) 1st half, CHEM 5730 (inorg) 2nd half. Spring options: CHEM 5700 (ana) 1st half, CHEM 5750 (bio) 1st half, CHEM 5720 (phys) 2nd half, CHEM 3200 (radiochem) + NUCL 4000. CHEM 4800 (research), CHEM 4999 (Honors Thesis), or CHEM 4965 (internship) can waive 2 credits. CHEM 3515 (Biochemistry Lab) or 3525 (Molecular Biology of DNA Lab) in place of CHEM 5750, to count for 3 advanced lab credits.
- 5) MATH 2270 + 2280 are more rigorous, and will take 2 semesters to complete.