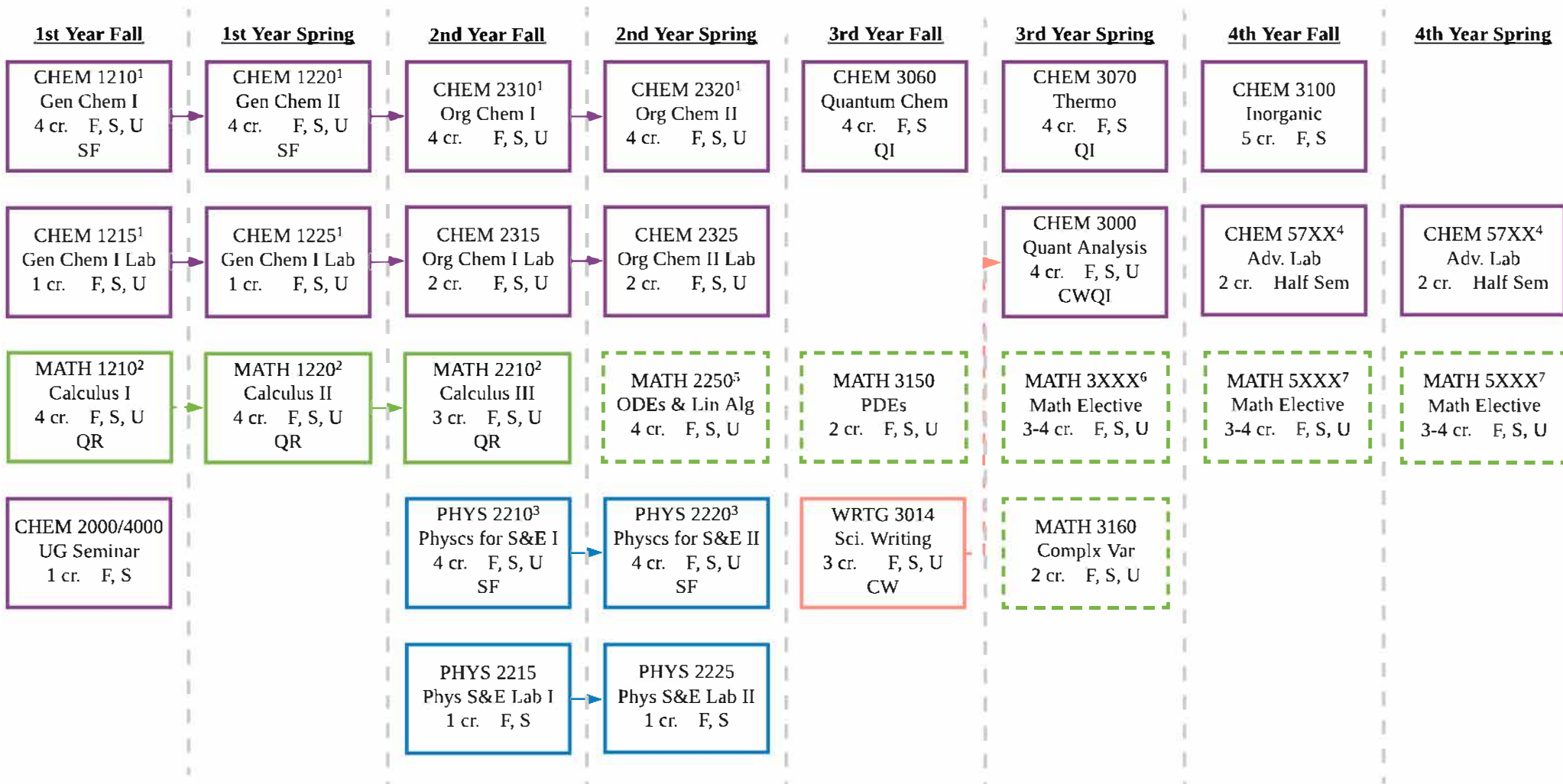


# Chemistry Course Requirements - Mathematics Emphasis (2020-2021)

The Mathematics emphasis is designed for students who enjoy the mathematical aspects of chemistry. This math-intensive track will enhance students in their problem solving skills and may be of interest to those wanting to pursue a career in computational chemistry, although will give students an edge in all aspects of chemistry.



- Honors versions of available. Sequence starts in the Fall. Must apply to be in the class.
- Talk with advisors to see how other calculus sequences could fulfill the calculus requirement.
- Honors versions are PHYS 3210 + 3220.
- 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.
- MATH 2270 + 2280 are more rigorous, and will take 2 semesters to complete.
- Must take at least 3 credits of MATH 3XXX. Check Degree Audit or w/ advisor to see accepted math classes for elective credit.
- Must take at least 6 credits of MATH 5XXX. Check Degree Audit or w/ advisor to see accepted math classes for elective credit. CHEM 4800 (research), CHEM 4999 (Honors Thesis), or CHEM 4965 (internship) can waive 2 credits.