

Changes to the Chemistry Major

Spring 2021

Currently, chemistry majors can select 2 courses as electives from the following list:

- Chem 410 – Science of Climate Change
- Chem 450 – Introduction to Research
- Chem 454 – Computational Quantum Chemistry
- Chem 455 – Advanced Organic Chemistry
- Chem 470 – Introduction to Polymers
- Chem 487 – Senior Thesis in Chemistry
- And Chem 500+ level courses

But with the addition of the 5 new chemistry majors, 11 new chemistry courses have been added to the chemistry department, however, chemistry majors cannot use any of these courses towards their degree. We would like to change that by expanding the list of electives that chemistry majors can choose from to include these new 11 chemistry classes. This will also help increase enrollment in these courses.

The proposed change would allow chemistry majors to select 2 courses as electives from the following list:

- Chem 410 – Science of Climate Change
- Chem 438 – Physical Biochemistry
- Chem 450 – Introduction to Research
- Chem 452 - Cheminformatics
- Chem 454 – Computational Quantum Chemistry
- Chem 455 – Advanced Organic Chemistry
- Chem 456 – Computational Biochemistry and Drug Design
- Chem 460 – Bioanalytical Chemistry
- Chem 461 – Bioanalytical Chemistry Laboratory
- Chem 463 – Analytical Method Development Lab
- Chem 467 – Medicinal Chemistry
- Chem 470 – Introduction to Polymers
- Chem 472 – Environmental Chemistry
- Chem 473 – Environmental Analytical Chemistry
- Chem 475 – Forensic Chemistry
- Chem 476 – Forensic Chemistry Lab
- Chem 487 – Senior Thesis in Chemistry
- And Chem 500+ level courses