

Toxicology Minor

The Toxicology Minor is available to any current UC Berkeley student in good academic standing. Only one course used toward the student's major may be used toward the Toxicology minor. The coursework for the minor addresses topics in the basic principles of toxicology and molecular toxicology as well as computational toxicology and pharmacology. The minor works best for students already pursuing a bioscience degree, as a background in chemistry, organic chemistry, biology, and biochemistry is necessary to be prepared to do upper division work in this field. Students should apply for the minor the semester before that in which they intend to graduate; they can apply as early as after they complete at least two courses toward the minor. For more information, please see <https://nature.berkeley.edu/advising/minors/toxicology>.

Completing the Toxicology Minor:

- Students must complete five courses and complete 15 NST units from the pre-determined list below.
- Only one course used toward the student's major may be used toward the Toxicology minor.
- Only one course used toward the minor electives can be NST 199/NST H196 (research units)
- All courses must be taken for a letter grade unless the only grading option is Pass /No Pass, and a minimum GPA of 2.5 must be obtained in the courses taken for the minor.
- Students must have at least a 2.5 cumulative GPA to apply for the minor.
- All upper division courses must be taken at UC Berkeley.
- Students must complete all prerequisite requirements before enrolling in upper division NST courses. For specific prerequisite requirements for each course, visit guide.berkeley.edu.

Prerequisite Courses: Chem 1A, Chem 3A, Chem 3B, and Bio 1A (Note: Bio 1A at Berkeley requires the lab)

Minor Core Courses: Students must complete the following three courses:

- NST 11 (3) Introduction to Toxicology
- NST 110 (4) Toxicology
- NST 121 (3) Computational Toxicology

Upper Division NST Elective Courses: Complete two or more from the following list:

- NST 103 (3) Nutrient Function and Metabolism
- NST 104 (2) Food, Culture, and the Environment
- NST 108A (3) Introduction and Application of Food Science
- NST C114/ESPM C148 (3) Pesticide Chemistry & Toxicology
- NST 115 (2) Principles of Drug Action
- NST C159/ESPM c159 (4) Human Diet
- NST 160 (4) Human Nutrition: Normal Physiology and Pathophysiology of Disease
- NST 161A (4) Medical Nutrition Therapy
- NST 166 (3) Nutrition in the Community
- NST 190 (1) Introduction to Research in Nutritional Sciences
- NST 193 (1) Introduction to Research in Toxicology
- NST H196 (4) Honors Research (**Only available for students in CNR**)
- NST 199 (1-4) Supervised Independent Study and Research

Note: Completion of the Toxicology minor will only be noted in the memorandum section of the student's UC Berkeley transcript and NOT on their UC Berkeley diploma.