

HOPE COLLEGE GENERAL CHEMISTRY OFFERINGS

We offer two course sequences for general chemistry, plus the option to advance to organic chemistry to meet the needs of a variety of students.

GENERAL CHEMISTRY

Chem 125 and 127: General Chemistry I and Lab (fall semester)

Chem 126 and 128: General Chemistry II and Lab (spring semester)

OR

Chem 131 and 132: Accelerated General Chemistry and Lab (fall only)

Chem 131/132 is a one-semester accelerated general chemistry course and covers the same material as the two-semester combination of Chem 125/127 and Chem 126/128.

Both sequences are designed for science majors and will prepare you to take higher-level courses in chemistry and satisfy pre-health professions requirements.

ORGANIC CHEMISTRY

Chem 221 and 255: Organic Chemistry I and Lab (fall semester)

Chem 231 and 256: Organic Chemistry II and Lab (spring semester)

CHOOSING A SEQUENCE

If you have an AP Chemistry score of 4 or 5, you are eligible to begin at Hope with organic chemistry. Contact Dr. Sanford at sanford@hope.edu for details.

Alternatively, consider taking Chem 131/132 if you meet two of the three following requirements:

- AP Chemistry score of 3+ or successful completion of two years of high school chemistry and lab
- ACT Math score of 30+ or SAT Math score of 670+ (old)/700+ (new)
- At least one semester of a calculus class (high school, AP, IB, dual enrolled)

If you successfully complete Chem 131/132, you will receive 4 additional credits for Chem 125/127.

If you do not meet two of the three above requirements, we recommend enrolling in Chem 125/127 for fall. You can then take Chem 126/128 in the spring.

WHAT TO TAKE AFTER YOUR FIRST YEAR

If you enroll in Chem 131/132 for the fall, you can take Chem 331 and 332: Analytical Chemistry and Lab in the spring, followed by Organic Chemistry I the fall of your second year.

If you enroll in the two-semester sequence of general chemistry, you may take Organic Chemistry I in the fall of your second year.

After completion of Organic Chemistry I and II, you will be able to take almost any upper-level chemistry course.

If you have any questions about which sequence is right for you, contact Dr. Kenneth Brown at brownk@hope.edu.