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Organic Chemistry

As a chemistry major you'll develop extensive, practical experience through advanced laboratory courses. You'll be strongly encouraged to participate in independent research — our award-winning and nationally recognized faculty's research spans the traditional established areas of chemistry (organic chemistry, physical chemistry) and newly emerging interdisciplinary fields such as chemical ...The history of chemistry represents a time span from ancient history to the present. By 1000 BC, civilizations used technologies that would eventually form the basis of the various branches of chemistry. Examples include extracting metals from ores, making pottery and glazes, fermenting beer and wine, extracting chemicals from plants for medicine and perfume, rendering fat into soap, making ...Caltech is a world-renowned science and engineering institute that marshals some of the world's brightest minds and most innovative tools to address fundamental scientific questions and pressing societal challenges.Natural science is a branch of science concerned with the description, prediction, and understanding of natural phenomena, based on empirical evidence from observation and experimentation.Mechanisms such as peer review and repeatability of findings are used to try to ensure the validity of scientific advances.. Natural science can be divided into two main branches: life science (or biological ...