

MAJOR FIELDS



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STOP BY AND SAY HELLO!

Science and Technology, Building 1800
Las Positas College

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L A S P O S I T A S C O L L E G E

Chemistry



**WHAT CAN YOU DO WITH
A DEGREE IN CHEMISTRY?**

WWW.LASPOSITASCOLLEGE.EDU/CHEMISTRY

Chemistry

LPC IS THE PLACE TO LEARN CHEMISTRY!

Chemistry is the gateway to many exciting and important careers. Las Positas has the finest facilities you will find in a lower division program. Our students are truly prepared for transfer and success. We boast small class sizes, state of the art equipment, bright-comfortable laboratories and a dedicated faculty and support staff.

GREEN CHEMISTRY

Chemistry at LPC emphasizes reducing toxicity to people and our environment. Our labs are not only safer for students, but students learn how to make their future workplace and the products they will one day develop safe and sustainable.

HIGH TECH LABORATORIES

Mirroring real-world instruments like Nuclear Magnetic Resonance, IR and UV-Visible Spectroscopy, Atomic Absorption, Chromatography, and real-time, computerized data-acquisition.

ASSOCIATE OF SCIENCE DEGREE

Prepares students for transfer to four-year institutions in chemistry, chemical engineering, or pre-professional studies for medical, dental, and pharmaceutical programs.

FRESHMAN YEAR

Chem 1A* and 1B
Physics 8A
Math 1 and 2
G.E. Requirements

SOPHOMORE YEAR

Chem 12A and 12B
Physics 8C or 8B
Math 3
G.E. Requirements

ASSOCIATE OF ARTS IN CHEMISTRY EDUCATION

A new pathway designed for students interested in teaching Chemistry at High School or Middle School level. Students prepare to transfer to B.A. programs at four-year institutions to complete their degree and credential.

FRESHMAN YEAR

Chem 1A* and 1B
Biology 31
Math 1 and 2
G.E. Requirements

SOPHOMORE YEAR

Chem 12A and 12B
Physics 2A and 2B
G.E. Requirements

*Chem 1A Prerequisite: Chem 31 or an Assessment Test.

CHEMISTRY COURSES

31 INTRO TO COLLEGE CHEMISTRY

Preparing for Chem 1A.

1A AND 1B GENERAL COLLEGE CHEMISTRY

Topics from atomic structure and bonding to electrochemistry and equilibrium.

12A AND 12B ORGANIC CHEMISTRY

Structure, properties, and reactions of carbon based compounds—from those integral to life to those that threaten it.

30A CHEMISTRY FOR ALLIED HEALTH

A survey of general chemistry topics for pre-nursing, dental hygiene, viticulture, and other majors.

30B ORGANIC AND BIOCHEMISTRY FOR ALLIED HEALTH MAJORS

The basics of organic and biological chemistry for allied health majors—gives a huge advantage to students of physiology, microbiology, enology, etc.

MAJORS THAT REQUIRE CHEMISTRY

NURSING OR DENTAL HYGIENE

Chem 30A | Highly Recommended: Chem 30B

ENGINEERING

Chem 1A | Usually Required: Chem 1B

BIOLOGY, PRE-PROFESSIONAL AND CHEMISTRY MAJORS

Chem 1A, 1B, 12A, 12B

