



LA Mission College Career Center

CHEMISTRY

MAJOR SHEETS

SKILLS

(things you will learn or use)

- Numerical and scientific skills
- Research and analytical skills
- Laboratory techniques
- Investigative skills
- Critical thinking
- Organizational skills
- Performing experiments
- Processing data

INTEREST

- Conducting experiments
- Using scientific rules and methods to solve problems
- Working in a lab setting
- Conducting research
- Interest in the medical field
- Interest in studying the structures and properties of matter

WHAT IS CHEMISTRY?

Chemistry is the study of matter, its composition, properties, and the changes they undergo. Specifically it studies atoms, molecules, and ions. Chemistry is often regarded as the "central" science because it provides a foundation for understanding both basic and applied scientific disciplines at a fundamental level. The main branches of chemistry are Biochemistry, Organic Chemistry, Inorganic Chemistry, and Analytical Chemistry.

LAMC DEGREES & CERTIFICATES OFFERED

- **Associates of Science of Transfer (AS-T) in UCTP Chemistry**
- **Associates of Science Degree in Health Science**

TRANSFER RELATED MAJORS

- **CSU Northridge:** Chemistry
- **CSU Los Angeles:** Chemistry and Biochemistry
- **CSU Long Beach:** Chemistry, option in Material Sciences, Biochemistry
- **CSU Dominguez Hills:** Chemistry, Biochemistry
- **CSU San Diego:** Chemistry, Biochemistry
- **UC San Diego:** Pharmacological Chemistry
- **UC Los Angeles:** Chemistry, option in Material Sciences, Biochemistry
- **UC Riverside:** Chemistry, option in Chemical Physics, Environmental Chemistry
- **University of Southern California:** Chemistry, option in Research, Chemical Biology, Chemical Nanoscience
- **Pepperdine University:** Chemistry



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WORK ENVIRONMENT

- Indoors in a well-equipped and well-lighted laboratory, office or classroom carrying out a variety of tasks.
- Some Chemists handle hazardous substances.
- Near acuity of vision to check discoloration or changes in substances.
- Work is factual and precise.
- Uncertainty of funding sometimes causes stress.

WEBSITE RESOURCES

www.lamission.edu/careercenter
<https://www.lamission.edu/Life-Sciences/AS-in-Health-Sciences/Degree-Requirements.aspx>
www.assist.org
www.salary.com
<https://uncw.edu/career/whatcanidowithamajorin.html>
www.cacareerzone.org
<http://degrees.calstate.edu/>
https://admission.universityofcalifornia.edu/counselors/files/undergraduate_majors_list.pdf

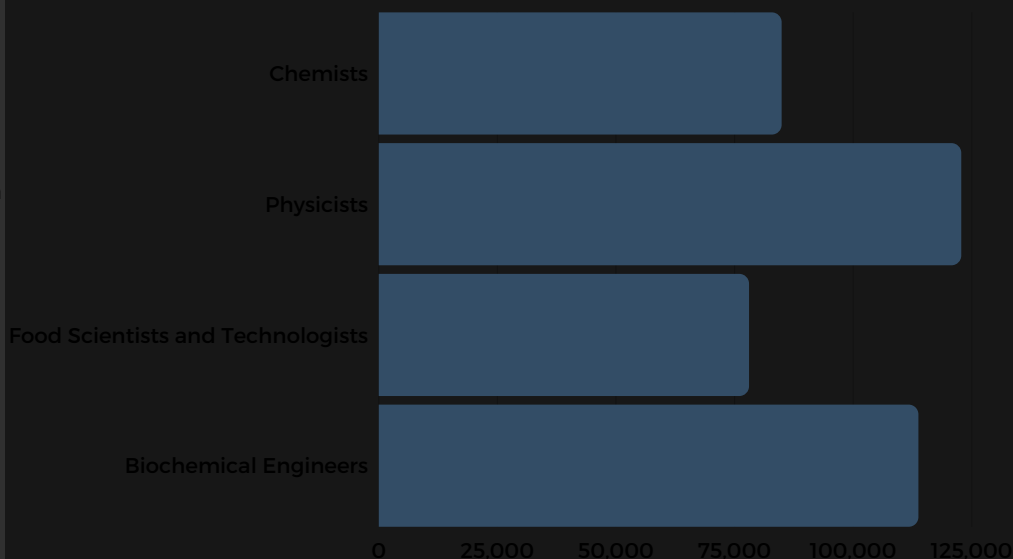
POTENTIAL JOB TITLES

- Chemist
- Chemical Engineer
- Food Scientists and Technologists
- Physicists
- Crime Lab Analyst
- Chemistry Technologist
- Biochemical Engineers
- Chemistry Teacher
- Professor
- Science Lab Technician

POTENTIAL EMPLOYERS

- Universities/colleges
- Food and Drug Administration
- Government agencies (local, state, federal)
- Pharmaceutical companies
- Research and technology centers
- Chemical companies
- Perfume & cosmetics companies

*EARNINGS



*Earning can vary by occupation and experience. The following are average annual wages as of 2019 in California based on California Career Zone <https://www.cacareerzone.org/>