



COLLEGE OF MARIN

CHEMISTRY

Chemistry majors learn skills that are applicable to any number of fields, ranging from pharmaceuticals to biotechnology to environmentalism. You will gain a greater understanding as to how the physical world operates, and what we can do to improve and advance the way we live and work.

C.O.M.

Suggested Transfer Preparation

CHEM 131 CHEM 132
CHEM 231 CHEM 232
MATH 121 & 122
MATH 116, 223, 224
PHYS 207A-PHYS 207B
PHYS 207C

Transfer students are strongly advised to meet with a Counselor and complete as many preparatory courses as possible before transferring. Please refer to the following links articulation agreement updates, revision and general information:

www.assist.org
UCTransfer.org

COLLEGE OF MARIN

Transfer & Career Center
835 College Avenue
Kentfield, CA 94904
(415) 485-9671

Transfer/Counseling Advisory Committee:

Theodora Fung, Bruce Furuya, Letta Hlavachek,
Alexandra Magallanes Rivera, Bessie Ng-Jung, Jim Sweeney,
Karen Robinson,, Emy Bagtas

CAREER OPPORTUNITIES

Agricultural Scientists	Medical Technologists
Biochemists	Pharmaceutical Sales Rep.
Bioinformatics Scientists	Pharmacist
Biotechnical Researchers	Physician
Chemical Engineers	Quality Control Inspector
Chemical Laboratory Technicians	Science Technician
Chemical Processing Workers	Soil Scientist
Chemical Sales Representatives	
Chemists	
Curators	
Dietitians and Nutritionists	
Engineering and Science Managers	
Environmental Analysts	
Fireworks Workers	
Hazardous Waste Managers	
Health and Safety Inspectors	
Health Service Administrators	
Histotechnologists	
Medical Laboratory Assistants	
Medical Laboratory Technicians	

For more extensive information on career opportunities, go the Transfer & Career Center and create your EUREKA account

EXAMPLES OF EMPLOYERS

Hospitals	Laboratories
Educational Institutions	Manufacturing Companies
Plant/Animal Breeder & Growers	Center for Disease Control
Food Processors	Safety & Health Admin.
Agricultural Research Firms	
Medical Research Firms	
Environmental Protection Organizations	
Federal, State & Local Government	

Typical Coursework associated with the study of Chemistry

Chemistry Majors develop the analytical and creative skills necessary to ask questions about their observation of nature and to develop experiments to answer those questions. These observational and imaginative abilities allow them to see both qualitative and quantitative relationships as well. Chemistry majors will study and learn a variety of skills including; development of theories, conducting research, attending to data, utilizing formulas, processing data, working independently and in groups, perseverance, observation and decision making, technological skills, the ability to remain objective, perceiving structures/patterns, applying concepts, calculating, using laboratory equipment and explaining results.

California Universities offering Chemistry Degrees

California State University:

Refer to the following link for locations, web addresses and general information: www.csumentor.edu

CPSU - San Luis Obispo	Biochemistry BS, Chemistry BS/MS, Polymers and Coating Science Minor
CSPU - Pomona	Chemistry BS/Minor/ MS
CSU - Bakersfield	Biochemistry BS, Chemistry BS/Minor
CSU - Channel Islands	Chemistry Certificate/BA/BS/Minor, Chemistry, Biochemistry Option BS
CSU - Chico	Chemistry (American Chemical Society) Certificate, Chemistry (Biochemistry) BS, Chemistry BS/Minor
CSU - Dominguez Hills	Biochemistry BS, Chemistry BA/BS, Organic/Biochemistry Minor
CSU - East Bay	Biochemistry BS, Chemistry (Environmental Science) BS, Chemistry BA/MS/BS/ Minor
CSU - Fresno	Chemistry BA/BS/Minor/MS
CSU - Fullerton	Biochemistry BS, Chemistry BA/BS/Minor/MS
CSU - Humboldt	Chemistry BA/ BS/Minor
CSU - Long Beach	Biochemistry BS/MS, Chemistry BA/BS/Minor/MS
CSU - Los Angeles	Biochemistry BS, Chemistry BA/BS/MS
CSU - Northridge	Biochemistry BS/MS, Chemistry BA/BS/Minor/MS, Environmental Chemistry BS
CSU - Sacramento	Chemistry BA/BS/MS
CSU - San Bernardino	Chemistry BS/Minor
CSU - San Diego	Chemistry BA/BS/Minor/MA/MS/Ph.D.
CSU - San Francisco	Biochemistry BS, Chemistry BA/BS/Minor/MS
CSU - San Jose	Chemistry BA/BS/Minor/MA/MS, Chemistry Preparation for Teaching BA
CSU - San Marcos	Biochemistry BS, Chemistry BS/Minor
CSU - Sonoma	Biochemistry BS, Chemistry BA/BS/Minor
CSU - Stanislaus	Chemistry BA/BS (Concentration: Environmental Sciences)

University of California:

Refer to the following link for locations, web addresses and general information: UCTransfer.org

UC - Berkeley	Agricultural and Environmental Chemistry MS/Ph.D. (Interdisciplinary), Chemical Biology BS, Chemistry (Letters and Science) BA, Chemistry BS/MS/Ph.D., Comparative Biochemistry MA/Ph.D.
UC - Davis	Agricultural and Environmental Chemistry MS/Ph.D., Chemistry AB/BS/Minor , Fiber and Polymer Science (Textiles/Clothing) BS/Minor
UC - Irvine	Chemistry BS/Minor/MS/Ph.D., Chemistry, with Teacher Credential MS, Chemistry, with Biochemistry Concentration BS, Environmental Toxicology MS/Ph.D.
UC - Los Angeles	Biochemistry BS, Biological Chemistry (Medicine) MS/Ph.D., Chemistry BS/MS/C.Phil/Ph.D. Chemistry, General BS, Chemistry/Materials Science BS
UC - Merced	Chemical Sciences BS (Emphases: Biological Chemistry; Chemistry; Environmental Chemistry; Materials Chemistry)
UC - Riverside	Biochemistry and Molecular Biology MS/Ph.D., Biochemistry BA/BS, Chemistry BA/Minor, Chemistry BS/MS/Ph.D., Environmental Toxicology MS/Ph.D.
UC - San Diego	Biochemistry/Chemistry BS/Minor, Biochemistry/Chemistry: Molecular Synthesis BS, Bioinformatics Ph.D., Chemical Education BS, Chemical Physics BS, Chemistry Minor/MS/Ph.D., Chemistry/Earth Sciences BS, Chemistry: Bioinformatics BS/Ph.D., Environmental Chemistry BA/BS/Minor, Pharmacological Chemistry Minor
UC - San Francisco	Chemistry and Chemical Biology Ph.D.
UC - Santa Barbara	Biochemistry BS, Biochemistry-Molecular Biology MS/Ph.D., Chemistry (Creative Studies) BA/BS/Minor, Chemistry MA/MS/Ph.D.
UC - Santa Cruz	Chemistry and Biochemistry BA/BS/Minor/MS/Ph.D., Chemistry BA/ BS/Minor

Private Universities:

Refer to the following link for locations, web addresses and general information: AICCU.edu

Claremont Mckenna College	College of Notre Dame	Dominican University	Fresno Pacific University
La Sierra University	Loma Linda University	Loyola Marymount University	Marymount College
Mills College	Mount St. Mary's College	Occidental College	Pacific Union College
Pepperdine University	Pitzer College	Point Loma Nazarene University	Pomona College
Santa Clara University	St. Mary's College	Scripps College	Stanford University
University of La Verne	University of the Pacific	University of Redlands	University of San Diego
University of San Francisco	University of Southern California	Vanguard University	Westmont College
Whittier College			