



COLLEGE OF MARIN

GEOLOGY

Geologists study the nature, composition and structure of the earth to increase scientific knowledge, locate materials and minerals, and advise on the extraction of minerals, environmental protection and rehabilitation of land after mining. Geology explores the earth's crust and its resources, its history and how humans have brought about change for better or worse.

C.O.M.

Suggested Transfer Preparation

CHEM 131, CHEM 132
GEOL 120, GEOL 120L
MATH 123, MATH 124, 223
BIOL 115 & 116
PHYS 108 & 108B
OR
PHYS 207A & 207B & 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 for articulation agreement updates, revisions, and additional 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, Bessie Ng-Jung
Alexandra Magallanes Rivera, Jim Sweeney, Karen Robinson,
Emy Bagtas

CAREER OPPORTUNITIES

Cartographers
Derrick Operators
Geographic Information Systems (GIS) Technicians
Geologists
Geology Drafter
Geological Engineer
Environmental Geologist
Hazardous Waste Managers
Meteorologists
Mining Geologist
Oceanographers
Paleontologists
Physicists
Ranger
Rotary Drillers
Seismologists
Structural Geologist
University and College Teachers
Volcanologists
Water Well Drillers

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

EXAMPLES OF EMPLOYERS

Research Companies	Environmental Protection Agencies
Government Agencies	National Parks Service
Mines and Natural Areas	Industrial/Commercial Companies
Museums	Consulting Firms
Colleges and Universities	
Water Treatment Plants	

Typical Coursework associated with the study of Geology

As a Geology Major, you'll learn how and why the earth has evolved. You'll study natural and artificial environmental processes and learn how those processes should be improved. Geologists are concerned with the entire physical make-up of the earth, and many specialization's are available within the major.

With advanced study you can specialize in petroleum geology, engineering geology, marine geology, space geology, paleontology, economic geology, groundwater geology, Mineralogy, and applied geology. The study of geology includes the development of skills in a variety of areas including, technical and communication skills, knowledge of mathematics, and laboratory procedures.

California Universities offering Geology Degree

California State University:

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

CPSU - San Luis Obispo	Earth Sciences BS, Geology Minor
CSPU - Pomona	Geology BS/Minor, Integrated Earth Studies BS
CSU - Bakersfield	Geology BA/Minor/MS, Geology BS, Hydrogeology Certificate
CSU - Chico	Geology BS, Geosciences (Hydrology/Hydrogeology) MS, Geosciences BS/Minor/MS, Hydrogeology Certificate
CSU - Dominguez Hills	Earth Sciences Minor, Geology BS,
CSU - East Bay	Geology (Environmental Science) BS, Geology BA/BS/Minor, Geology MS (Option: Environmental Geology)
CSU - Fresno	Geology BS/Minor/MS
CSU - Fullerton	Geology BS/Minor/MS
CSU - Humboldt	Geology BA/BS/Minor/MS
CSU - Long Beach	Earth Science BS, Geology BA/BS/Minor/MS
CSU - Los Angeles	Geological Sciences BS, Geology BS/Minor/MS
CSU - Monterey Bay	Earth Systems Science and Policy BS, Earth Systems Science Minor
CSU - Northridge	Geology BS/MS
CSU - San Bernardino	Geology BA/BS/Minor
CSU - Sacramento	Geology BA/BS/Minor/MS
CSU - San Diego	Geological Sciences BS/Minor, Geological Sciences MS
CSU - San Francisco	Applied Geosciences MS, Earth Science Minor, Geology BA/BS
CSU - San Jose	Earth Science BA/BS, Geology BS/Minor/MS
CSU - Sonoma	Geology BA/BS/Minor
CSU - Stanislaus	Geology BS, Geology Minor

University of California:

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

UC - Berkeley	Earth and Planetary Science BS/Minor, Earth and Planetary Science MA/MS/Ph.D.
UC - Davis	Environmental Geology Minor, Geology AB/BS/Minor, Geophysics (Geology) Minor, Hydrologic Science MS/Ph.D., Hydrology BS/Minor
UC - Los Angeles	Geochemistry Minor/MS/C.Phil/Ph.D., Geology BS/Minor, Geology MS/C.Phil/Ph.D., Geology/Engineering Geology BS, Geology/Paleobiology BS, Geophysics and Planetary Physics Minor, Geophysics and Space Physics MS/Ph.D., Geophysics/Applied Geophysics BS
UC - Merced	Earth Systems Science BS
UC - Riverside	Geological Sciences MS/Ph.D., Geology BS/Minor, Geophysics BS
UC - San Diego	Chemistry-Earth Sciences BS, Earth Sciences Minor/MS/Ph.D., Earth Sciences-Geochemistry BS, Earth Sciences-Geology BS, Earth Sciences-Geophysics BS
UC - Santa Barbara	Geological Science BS, Geological Sciences BA, Geological Sciences BA/BS/Minor, Geological Sciences MS/Ph.D., Geophysics BS/MS, Hydrologic Sciences BS
UC - Santa Cruz	Earth and Planetary Sciences, Environmental Geology BS, Earth and Planetary Sciences, Ocean Sciences BS, Earth and Planetary Sciences, Planetary Sciences BS, Earth and Planetary Sciences/Anthropology BA (Combined majors), Earth Sciences BA/BS/Minor, Earth Sciences MS/Ph.D.

Private Universities

Refer to the following link for Independent Colleges and Universities: AICCU.edu

Loma Linda University	Earth Science Ph.D., Geology BS/MS
National University	Earth Science BS
Stanford University	Geological and Environmental Sciences BS/Minor/MS/ENGR/Ph.D. Geological and Environmental Sciences Ph.D. Minor, Geophysics BS/Minor/MS/Ph.D., Geophysics BS/MS (Coterminal degrees)
University of the Pacific	Geology BA/BS/Minor , Geology-Teaching Track BS
University of Southern California	Earth Sciences (Geological Sciences) Ph.D., Earth Sciences BA/MS/Ph.D., Geobiology Minor, Geohazards Minor, Geological Sciences BS