

Campus	Degree	Courses
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Bakersfield Professional Certificate in Hydrogeology
http://www.csu.edu/07-09Catalog/geology_m.shtml

GEOL 475 - Hydrogeology
 GEOL 525 - Applied Hydrogeochemistry
 GEOL 555 - Contaminant Hydrogeology
 GEOL 420 - Environmental Geochemistry
 GEOL 477 - Special Topics in Geology
 GEOL 580 - Advanced Research Participation
 GEOL 625 - Subsurface Exploration Methods
 GEOL 650 - Groundwater Flow Modeling
 GEOL 577 - Advanced Topics in Geology

Chico BS Environmental Science in Hydrologic Science
<http://www.csuchico.edu/catalog/programs/geos/ENSCNONEUN.html#ENSCHYSCBS>

GEOS 380 - Hydrology
 GEOS 382 - Hydrologic Field Methods I
 GEOS 383 - Hydrologic Field Method II
 GEOS 415 - Hydrogeology
 GEOS 460 - Water Resources Management
 GEOS 516 - Natural Water Systems
 GEOS 410 - Introduction to Watershed Hydrology

BS in Agriculture
http://www.csuchicoag.org/Student_Resources/Syllabi/Default.asp#ABUS

PSSC 458 - Irrigation Systems
 PSSC 456 - Water Quality, Saline Soils

BS in Biological Science
https://www.csuchico.edu/catalog/cat03/programs/biol/bs_micr.html

BIOL 404 - Aquatic Ecology
 BIOL 669 - Topics in Limnology

BS in Civil Engineering
http://www.ecst.csuchico.edu/_depts/ce/documents/CE_Electives.pdf

CIVL 562 - Engineering Hydrology
 CIVL 567 - Applied Hydraulics
 CIVL 571 - Natural Systems for Wastewater Treatment
 CIVL 573 - Water Quality Engineering
 CIVL 661 - Advanced Open Channel Hydraulics Design

BA in Geography
<http://www.csuchico.edu/catalog/cat09/geog/GEOGNONEUN.html#GEOGPHYEBA>

GEOG 426 - Water Resources Policy and Planning

MS in Hydrology
<http://www.csuchico.edu/catalog/programs/geos/ENSCNONEUN.html#ENSCHYSCBS>

GEOS 600 - Geosciences Seminar I
 GEOS 601 - Geosciences Seminar II
 GEOS 621 - Advanced Topics in Hydrology
 GEOS 640 - Hydrochemistry

BS Agriculture and BS Ag Business

AGET 360 - Irrigation
 AGRI 331 - Agricultural Ecology

Dominguez Hills BS in Geology with minor in Earth Science
http://www.csudh.edu/Catalog/200507/39%20geology.htm#Geology_Option

GEO 315 - Meteorology
 GEO 412 - Hydrology
 GEO 416 - Climatology

East Bay BS in Geology & Environmental Sciences

ENSC/GEOL 3500 - Environmental Hydrology
 GEOL 4320 - Hydrogeology

BA/BS in Geography
 BA in Environmental Studies
<http://www.csueastbay.edu/ecat/20092010/u-idx.html#>

GEOG 4350 - Water Resources and Management
 GEOG 4355 - Watershed Management
 GEOG 2100 - Physical Geography
 GEOG 3000 - Sustainable Resource Management
 GEOG 3115 - Physical Landscape Analysis
 GEOG 3120 - Climatic Change
 GEOG 3410 - Air-Photo Interpretation
 ENVT/GEOG 3480 - Applied Field Studies
 GEOG 4330 - Sustainable Development
 GEOG 4350 - Water Resources and Management (4)
 GEOG 4355 - Watershed Management (4)*
 GEOG 4425 - Remote Sensing of Earth Environments
 GEOG 4600 - Introduction to Geographical Information Systems
 GEOG 4605 - Environmental Applications of GIS
 ENVT 3400 - Environmental Resource Analysis
 ENVT 4100 - Environmental Impact Analysis
 ENVT 4910 - Internship in Environmental Studies
 GEOL 2100 - Physical Geology
 ENSC/GEOL 2210 - Environmental Geology
 GEOL 3110 - Principles of Geomorphology
 ENSC/GEOL 3500 - Environmental Hydrology
 GEOL 4320 - Hydrogeology
 CHEM 4601 - Environmental Chemistry
 CHEM 4602 - Environmental Chemistry II
 BIOL 3032 - Diversity of Organisms in Selected Habitats
 BIOL 3216 - Freshwater Environments
 BIOL 3405 - Microbiology
 BIOL 3410 - Epidemiology
 BIOL 4340 - Environmental Microbiology
 BIOL 4435/6435 - Water Quality & Human Health
 POSC 4171 - Public Policy and the Environment
 POSC 3460 - Environmental Law
 GEOG 6100 - Seminar in Physical Geography
 GEOG 6660 - Seminar in Human Impacts on the Natural Environment
 GEOG 6780 - Seminar in Environmental Planning
 GEOG 6800 - Seminar in Urban and Regional Planning and Development
 GEOG 6820 - Seminar in Sustainable Cities

Interdisciplinary Major (BA/BS or MA/MS in Water Resources)

For BA/BS, student crafts 52-93 quarter units of approved courses for a water-related major and for the MA/MS, student crafts 45-52 quarter units, at least half at the 6000 level, of approved courses for a water-related graduate degree – listed below are courses that include water or would be relevant to a water management career – 100% water courses are listed in bold. Student can determine own emphasis – listed courses are subject to pre-requisites in some cases (*) or permission of instructor. Student can determine own degree name e.g. Water Resources Management and choose BA or BS - see <http://www.csueastbay.edu/ecat/20092010/u-idx.html#> or MA/MS - see <http://www.csueastbay.edu/ecat/20072008/q-idx.html#>.

Please email michael.lee@csueastbay.edu for advising on a water-related interdisciplinary major.

Campus	Degree	Courses
Fresno	BS in Geology http://www.csufresno.edu/catoffice/current/geolcrs.html#anchor55919459	EES 201 - Seminar in Geology EES 202 - Geology Lab and Teaching Techniques EES 210 - Analysis of Faults and Earthquake EES 217T - Topics in Hydrogeology & Environmental Geology EES 220 - Groundwater Hydrology EES 230 - Contaminant Transport EES 231 - Basin Analysis Seminar
	BS in Civil Engineering http://www.csufresno.edu/catoffice/current/enqcivcrs.html#anchor6968193	CE 140 - Hydrology CE 141 - Water Resources Engineering CE 142 - Environmental Engineering CE 144 - Design of Water Quality Control Processes CE 146 - Urban Stormwater Management
	MS in Civil Engineering http://www.csufresno.edu/catoffice/current/enqcivcrs.html#anchor6982116	CE 240 - Engineering Hydrology CE 246A - Advanced Water Quality CE 246B - Advanced Water Quality CE 247 - Solid Wastes Engineering CE 206. Engineering Environmental Impact
	M.S. Plant Science	PL253 - Soil & Plant Water Relations
Fullerton	BS Geology, MS Geology, MS Environmental Studies	GEOL 335 - Hydrology and Surface Processes GEOL 436 - Hydrogeology GEOL 535 - Hydrogeochemistry GEOL 535 - Groundwater Modeling GEOL 535 - Environmental Sampling Procedures and Protocols GEOL 535 - Well Hydraulics and Aquifer Testing GEOL 535 - Contaminant Hydrogeochemistry
Humboldt	MS in Watershed Management http://www.humboldt.edu/~catalog/programs/wtrshd.html	WSDH 310 - Hydrology & Watershed Management WSDH 333 - Wildland Water Quality WSDH 434 - Watershed Hydrology WSDH 430 - Water Rights & Water Water WSDH 480 - Selected Topics in Watershed Management WSDH 520 - Watershed Analysis WSDH 540 - Modeling Watershed in GIS
	BS in Environmental Resources Engineering in Water Quality http://www.humboldt.edu/~ere_dept/undergrad/cat/subcat/majorelect.php	ENGR 451 - Water and Waste Water Treatment ENGR 455 - Constructed Wetlands for Water Quality Management
	BS in Environmental Resources Engineering in Water Resources http://www.humboldt.edu/~ere_dept/undergrad/cat/subcat/majorelect.php	ENGR 418 - Applied Hydraulics ENGR 441 - Advanced Hydrology ENGR 443 - Groundwater Systems Planning and Management ENGR 445 - Water Resources Planning and Management ENGR 448 - River Hydraulics
	BS in Fisheries Biology Option: Freshwater http://www.humboldt.edu/~fish/programs/freshwater-4yr-map.html	FISH 320 - Limnology FISH 485 - Ecology of Running Waters FISH 443 - Water Pollution Biology
MS Natural Resources, Wastewater Utilization Option	FISH 320 Limnology FISH 320L Limnology Laboratory (separate course) FISH 443 Problems in Water Pollution Biology FISH 525 Wastewater Ecosystems Analysis and Reuse	
Long Beach	BS in Civil Engineering http://www.csulb.edu/divisions/aa/catalog/2008-2009/coe/ce/ce_ungr_courses.html	CE 364 - Environmental Engineering I CE 365 - Environmental Engineering Lab CE 435 - Hydrology and Water Resources Engineering CE 437 - Engineering Hydraulics CE 438 - Hydraulic Engineering Design
	MS in Civil Engineering http://www.csulb.edu/divisions/aa/catalog/2008-2009/coe/ce/ce_grad_courses.html	CE 531 - Groundwater and Seepage CE 534 - Advanced Hydrology CE 536 - Urban Surface Water Management CE 538 - Hydraulic Engineering Design II CE 562 - Water and Wastewater Treatment Design I CE 630 - Mathematical Modeling in Hydraulic Engineering
	BA & BS in Environmental Science & Policy http://www.csulb.edu/programs/es-p/ba.html	GEOG 280 - Water Resources and Society GEOG 400 - Environmental Science and Policy GEOG 440 - Land and Water Environments GEOG 443 - Watersheds: Processes and Managements ES_P 200 - California Environmental Issues (Water) ES_P 400 - Environmental Science and Policy Capstone (Los Cerritos Wetlands)
	MS in Hydrogeology http://www.csulb.edu/divisions/aa/catalog/2008-2009/cnsm/geol/geol_courses.html	GEOL 190 - Environmental Geology GEOL 191 - Air and Water Pollution GEOL 280 - Water Resources and Society GEOL 303 - Coastal Systems and Human Impacts GEOL 339 - Introduction to Geomorphology GEOL 410./510 - Biogeochemical Cycles GEOL 465./565 - Physical and Chemical Oceanography GEOL 477./577 - Hydrogeology GEOL 486./586 - Engineering Geophysics GEOL 565./465 - Physical and Chemical Oceanography

Campus	Degree	Courses
Los Angeles http://catalog.calstatela.edu/NXT/gateway.dll?f=templates\$fn=default.htm\$3.0\$vid=calstate:current	MS in Environmental Engineering Science	CE 486 - Groundwater Contamination & Remediation CE 484 - Sewerage and Sewage Treatment GEOL 485 - Groundwater Management and Models GEOL 561 - Vadose Zone Hydrology GEOL 562 - Contaminant Hydrogeology GEOL 563 - Water Quality Seminar
	MS in Environmental Hydrology http://catalog.calstatela.edu/NXT/gateway.dll?f=templates\$fn=default.htm\$3.0\$vid=calstate:current	GEOL 487 - Watershed Analysis GEOG 466 - Remote Sensing
	MS in Civil Engineering http://catalog.calstatela.edu/NXT/gateway.dll?f=templates\$fn=default.htm\$3.0\$vid=calstate:current	CE 581 - Modeling Techniques in Hydraulic Engineering CE 582 - Statistical Hydrology CE 583 - Hydrology II CE 586 - Open Channel Hydraulics CE 587 - Hydraulics II CE 588 - Hydraulic Structures CE 589 - Coastal Engineering
Monterey Bay http://sep.csumb.edu/cwsp/classes.htm	MS in Watershed Science	ESSP 532 - Advanced & Spatial Analysis ESSP 560 - Watershed Systems ESSP 660 - Advanced Watershed Science & Policy
	BS Environmental Science Technology and Policy (Watershed Systems Concentration)	GEOL 460/L - River Hydrology Assessment and Management ENVS 442 - Vernal Pools of Fort Ord GEOL 360/L - Gemorphic Systems ENVS 387 - Water Resources Law and Policy BIO 448 - Aquatic Ecology ENVS 369S - Community-Based Watershed Restoration (service learning)
	M.S.	ENVS 548 - Aquatic Ecology ENVS 536 - Remote Sensing and Image Processing ENVS 540 - Environmental Modeling ENVS 542 - Vernal Pools of Fort Ord
	B.S.	ENVS 448 - Aquatic Ecology ENVS 448L - Aquatic Ecology Lab ENVS 355 - Environmental Monitoring ENVS 355L - Environmental Monitoring Lab
Pomona	Plant Sciences & Landscape Irrigation Design Minor	PLT 232 - Irrigation and Water Management PLT 251 - Sprinkler Irrigation PLT 252/252L - Computer Aided Design PLT 322/322L - Golf Course Irrigation PLT 340/340L - Drip Irrigation PLT 341 - Landscape Drainage PLT 440/440L - Advanced Irrigation & Water Management PLT 452/452L - Irrigation Trouble shooting LIS 512 - Advanced Principles of Irrigation LIS 522 - Advanced Irrigation Design
Sacramento http://www.csus.edu/geology/geo_grad_program/overview.stm	MS in Geology	GEOL 200- Graduate Research Methods GEOL 220 - Surficial Processes GEOL 212 - Geologic Remote Imaging GEOL 227 - Advanced Hydrogeology GEOL 218 - Applied Geophysics GEOL 240G - Engineering Geology GEOL 202 - Aqueous Geochemistry GEOL 204 - Contaminant Hydrogeology GEOL 208 - Groundwater Modeling
	MS Civil Engineering -- Environmental emphasis	CE 250 - Systems Analysis of Resources Development. CE 252A - Environmental Quality Processes I (water chem) CE 252B - Environmental Quality Processes II (bio treat) CE 252C - Environmental Quality Processes III (phys/chem treat) CE 254 - Water Quality Management.
	MS Civil Engineering - Water resources emphasis	CE 255 - Transport of Chemicals in Soil Systems CE 250 - Systems Analysis of Resources Development CE 251 - Water Resources Planning CE 271 - Modern Hydrologic Techniques CE 272 - Advanced Engineering Hydraulics CE 274 - Hydrologic Modeling
	BS Civil Engineering	CE 276 - Groundwater Hydrology CE 138 - Hydrology CE 139 - Hydraulic Flow Design CE 137 - Water Resources Engineering CE 135 - Hydraulics Laboratory CE 170 - Principles of Environmental Engineering CE 172 - Design of Urban Water and Sewer Systems CE 173 - Design of Water Quality Control Processes CE 181 - Geoenvironmental Engineering CE 196B - Stormwater Management
	Water Treatment Plant Operation Specialist Certificate http://www.owp.csus.edu/training/courses/watertreatmentcert.php	CE 28A - Water Treatment Plant Operation I CE 28B - Water Treatment Plant Operation II CE 29 - Small Water System Operation and Maintenance
Wastewater Treatment Plant Operation Specialist Certificate http://www.owp.csus.edu/training/courses/wastewatertreatmentcert.php	CE 38A - Operation of Wastewater Treatment Plants I CE 38B - Operation of Wastewater Treatment Plants II CE 39 - Advanced Waste Treatment	

Campus	Degree	Courses
San Bernardino http://geology.csusb.edu/degree_programs.html	BS in Environmental Geology	GEOL 470 - Hydrology and Water Resources GEOL 375 - Groundwater Hydrology GEOL 376 - Field Methods in Hydrology GEOL 430 - Engineering Geology
	MS in Environmental Science http://www.csusb.edu/majorsDegrees/graduate/maEnvironmentalEd/Courses.aspx	GEOL 510 - Scientific Issues in Surface and Groundwater Management GEOL 610 - Environmental Geosciences
	B.S. Health Science/Environmental Health Concentration	HSCI 120 - Health and Society: An Ecological approach HSCI 352 - Principles of Environmental Health HSCI 358 - Water Quality and Pollution Control HSCI 401 - Advanced Environmental Health HSCI 558 - Management of Water Quality
San Diego http://www.sci.sdsu.edu/salton/water_related_course_descr.htm	MS in Water Resources	ENVE 555 - Water and Wastewater Engineering CIVE 632 - Computational Hydraulics and Hydrology CIVE 633 - Environmental Hydrology CIVE 634 - Surface Water Hydrology CIVE 635 - Water Quality Engineer CIVE 636 - Water Quality Processes CIVE 642 - Groundwater Seepage and Earth Dams GEO 653 - Groundwater Aquifer Testing GEO 675 - Groundwater Geochemistry
	BS in Environmental Engineering http://www.engineering.sdsu.edu/	CIVE 444 - Hydraulics ENVE 555 - Water & Wastewater Engineering
	BS Environmental Sciences: Emphasis in Watershed Science	GEOL 483 - Watershed Analysis GEOL 511 - Hydrology and Global Environmental Change
	MS Geography: Concentration in Watershed Science	GEOL 511 - Hydrology and Global Environmental Change GEOL 574 - Water Resources
	BS in Geological Sciences (Emphasis in Hydrogeology)	GEOL 551 - Hydrogeology
	M.S. in Geological Sciences (Specialization in Hydrogeology)	GEOL 551 - Hydrogeology GEOL 651 - Numerical Modeling of Groundwater Flow GEOL 675 - Groundwater Geochemistry GEOL 676 - Solute Transport in Groundwater GEOL 677 - Environmental Fate of Organic Contaminants
Additional Info :	B.S. Biology, optional emphasis in Marine Biology, Ecology or Bioengineering	BIOL 305 - Scientific Scuba Diving BIOL 306 - Scientific Scuba Diving for Certified Divers BIOL 324 - Life in the Sea BIOL 461 - Underwater Research Methods and Techniques BIOL 512 - Evolution and Ecology of Marine Mammals BIOL 514 - Biology of the Algae BIOL 515 - Marine Invertebrate Biology BIOL 516A - Marine Larval Ecology Research Part 1 BIOL 516B - Marine Larval Ecology Research Part 2 BIOL 517 - Marine Ecology BIOL 541 - Ecology of Fishes and Fisheries Biology BIOL 596 - Biology of Fishes BIOL 598 - International Exp: Sustainability of Coastal Ecosystems BIOL 604 - Seminar in Aquatic Ecology BIOL 677 - Seminar in Marine Conservation Biology
	B.S. in Biology with optional emphasis in Marine Biology or Ecology http://www.sci.sdsu.edu/bioadvise/index.html	
	M.S. in Ecology http://www.bio.sdsu.edu/ecology/index.php	
	PhD in Ecology http://www.bio.sdsu.edu/ecology/index.php	
San Francisco http://www.sfsu.edu/-bulletin/current/programs/envirostuds.htm#413	BS in Environmental Studies in Earth Science Systems	GEOL 476 - Groundwater Contamination GEOL 450 - Geomorphology BIOL 534 - Wetlands Ecology GEOG 647 - Geography of Water Resources GEOG 642 - Watershed Assessment and Restoration GEOL 475 - Hydrogeology
	B.A. in Geography, Resource Management Focus	
	M.A. in Geography, Resource Management and Environmental Planning Concentration	
San Jose http://info.sjsu.edu/web-dbgen/catalog/departments/CE-courses.html	BS in Civil Engineering	CE 152 - Engineering Hydrology CE 153 - Groundwater Flow and Transport CE 154 - Hydraulic Design CE 241 - Groundwater, Seepage and Drainage Control CE 250 - Water Resources Engineering CE 252 - Advanced Hydrology CE 273 - Water Treatment and Plant Design CE 274 - Wastewater Treatment and Plant Design
San Luis Obispo	BS in BioResource and Agricultural Engr, concentration in Water Engineering	BRAE 236 - Irrigation Principles BRAE 312 - Hydraulics BRAE 331 - Irrigation Theory BRAE 337 - Landscape Irrigation BRAE 340 - Irrigation Water Management BRAE 405 - Chemigation BRAE 435 - Drainage BRAE 438 - Drip Irrigation BRAE 439 - Vineyard Water Management BRAE 440 - Agricultural Irrigation Systems BRAE 414 - Irrigation System Design

Campus	Degree	Courses
	BS in Environmental Engineering http://catalog.calpoly.edu/2007depts/cenegr/ce_dept/enve.pdf	CE 201 - Mechanics of Materials CE 336 - Water Resources Engineering CE 337 - Hydraulics Laboratory CE 381 - Geotechnical Engineering CE 434 - Groundwater Hydraulics and Hydrology ENVE 111 - Intro to Environmental Engineering Profession ENVE 304 - Process Thermodynamics ENVE 331 - Intro to Environmental Engineering ENVE 416 - Environmental Process Modeling ENVE 421 - Mass Transfer Operation ENVE 434 - Water Quality Measurements ENVE 438 - Water and Wastewater Treatment Design ENVE 443 - Bioenvironmental Engineering ENVE 450 - Industrial Pollution Prevention ENVE 455 - Environmental Health and Safety ENVE 535 - Advanced Wastewater Treatment ENVE 536 - Biological Wastewater Treatment Processes Engineering ENVE 537 - Decentralized Wastewater Management ENVE 551 - Environmental Unit Operations ENVE 552 - Environmental Problems of the Semiconductor Industry
	MS in Civil & Environmental Engineering http://ceenve.calpoly.edu/programs/msceenve/	ENVE 411 - Air Pollution Control ENVE 421 - Mass Transfer Operations ENVE 434 - Water Quality Measurements ENVE 436 - Introduction to Hazardous Waste Management ENVE 437 - Industrial and Hazardous Waste Treatment Technologies ENVE 438 - Water and Wastewater Treatment Design ENVE 439 - Solid Waste Management ENVE 443 - Bioenvironmental Engineering I ENVE 465 - Environmental Management and Urban Systems ENVE 534 - Advanced Design of Pollution Control Systems ENVE 535 - Advanced Wastewater Treatment ENVE 536 - Biological Wastewater Treatment Processes Engineering ENVE 541 - Resource and Energy Recovery
	BS in Agriculture minor in Water Science http://brae.calpoly.edu/department/minor_water.html	BRAE 340 - Irrigation Water Management SS 121 - Introductory Soil Science FNR 408 - Water Resource Law and Policy AGB 315 - Land Economics FNR 320 - Watershed Mgt and Restoration FNR 420 - Natural Resources Policy Analysis SS 433 - Land Use Planning FNR 306 - Natural Res Ecology/Habitat Mgt FNR 320 - Watershed Management FNR 420 - Advanced Watershed Hydrology SS 440 - Forest and Range Soils
	BS in Civil Engineering http://catalog.calpoly.edu/2007depts/cenegr/ce_dept/ce.pdf	CE 336 - Water Resources Engineering CE 337 - Hydraulics Laboratory CE 431 - Coastal Hydraulics (I) CE 432 - Coastal Hydraulics (II) CE 433 - Open Channel Flow
	BS in Natural Resources Mgmt http://cafes.calpoly.edu/departmentsandmajors/majors/forestryAndNaturalResources.asp	NR 320 - Watershed Management and Restoration NR 321 - Water Systems Technology, Issues, and Impacts NR 408 - Water Resource Law and Policy NR 420 - Advanced Watershed Hydrology
	MS in Agriculture, Specialization in Irrigation http://brae.calpoly.edu/department/ag_irrigation.html	BRAE 405 - Chemigation BRAE 414 - Irrigation Engineering BRAE 435 - Drainage or BRAE 437 - Conservation Engineering or BRAE 440 - Agricultural Irrigation Systems BRAE 438 - Drip/Micro Irrigation or BRAE 439 Vineyard Irrigation BRAE 532 - Water Wells and Pumps BRAE 500 - Individual Study BRAE 533 - Irrigation Project Design BRAE 599 - Thesis
	MS in Water Engineering http://brae.calpoly.edu/department/eng_water.html	BRAE 533 - Irrigation Project Design CE 573 - Public Works Administration BRAE 532 - Water Wells and Pumps CE 434 - Groundwater Hydraulics and Hydrology CE 440 - Hydraulic Systems Engineering ENVE 438 - Water and Wastewater Treatment Des ENVE 535 - Advanced Wastewater Treatment
	BS - Forestry and Natural Resources	
	BS Environmental Management and Protection	NR 575 - Applications in Advanced Watershed Hydrology
	BS Biology, BS Microbiology, MS Biology, MA Biology	MCRO 342 - Sanitary Microbiology MCRO 436 - Environmental Microbiology BIO 307 - World Aquaculture: Applications, Methodologies and Trends BIO 328 - Marine Biology (5) BIO 421 - Wetlands (Also listed as FNR/SS 421) BIO 437 - Marine Resources BIO 438 - Aquaculture
	Bachelor of Science in Soil Science	ERSC 202 - Soil Erosion and Water Conservation SS 432 - Soil Physics SS 432 - Soil and Water Chemistry
	Bachelor of Science in Earth Sciences	ERSC 144 - Introduction to Earth Systems ERSC 202 - Soil Erosion and Water Conservation ERSC/GEOG 333 - Human Impact on the Earth SS 423 - Soil and Water Chemistry SS 432 - Soil Physics

Campus	Degree	Courses
	MS in Water Engineering	CE 539 - Environmental Hydraulics CE538 - Urban Water Systems CE433 - Open Channel Hydraulics
	BS in Civil Engineering	CE440 - Hydraulic Systems Engineering CE434 - Groundwater Hydraulics CE433 - Open Channel Hydraulics CE538 - Urban Water Systems CE539 - Environmental Hydraulics
	MS in Agriculture, Soil Science Specialization	SS 508 - Environmental Assessment for Erosion Control
	B.S. in Geology	GEOL 174 - Hazardous Materials GEOL 138 - Introductory Hydrogeology GEOL 134 - Geomorphology GEOL 140 - Introductory Engineering Geology GEOL 137 - Introduction to GPS/GIS GEOL 147 - Introduction to Applied Geophysics
	M.S. in Geology	GEOL 238 - Advanced Hydrogeology GEOL 220 - Advanced Engineering Geology GEOL 234 - Advanced Geomorphology ECON 435 - Economics of Land and Water
Stanislaus	MS in Ecology and Sustainability, BS Applied Geology, BS Biology with Marine Biology Concentration, MS Marine Biology	BIOL 4650 - Aquatic Biology BIOL 4630 - Marine Ecology
	BA in Economics	ECON 4560 - Natural Resources and Environmental Economics ECON 4640 - Economics and Agriculture
	Minor in Environmental and Resource Studies	GEOG 2010 - Physical Geography GEOG 3020 - Human Ecology GEOG 3100 - Climatology
	BA in Political Science	PSCI 4318 - Environmental Policy and Politics PSCI 4325 - Land Use Planning PSCI 4326 - Planning Issues and Agriculture

**** All courses listed above are only courses that relate to water to view complete course listing click on the link provided below each major**