

2015-2016 Minor in Environmental Science and Policy

20 Units



This checklist is not intended to replace advising from the department. Consult with the department advisor for appropriate course sequencing. Use this checklist in combination with the Academic Requirements Report, which is the official graduation verification.

Prerequisites

Prerequisites		
Complete ONE course from each Group (6 - 8 units total):		
Group I		
BIOL 200: General Biology (4) GE: Life Science with Lab (B1a) OR ECON 101: Principles of Microeconomics (3) GE: Social Sciences and Citizenship (D2)	GE Foundations MATH 103 or Higher	
Group II		
GEOG 101: The Global Environment (3) GE: Global Issues; Life Science without Lab (B1aNL) OR GEOG 130: Geography of Weather and Climate (4) GE: Physical Sciences w/ Lab (B1b) OR GEOG 140: Introduction to Physical Geography (3) GE: Physical Sciences w/out Lab (B1bNL) OR GEOL 102 and 104: General Geology and Geology Lab (4) GE: Physical Science with Lab (B1b)	One GE Foundation One GE Foundation Corequisite: One GE Foundation Corequisites: GE Composition; Prerequisite: Three Years of High School Math Including Algebra, Geometry, Intermediate Algebra, or Equivalent	
Complete ALL of the following courses (6 units total):		
ESP 200: California Environmental Issues (3)	Corequisites: GEOL 102 and 104 or GEOG 130 or 140; BIOL 200 or 211 or ECON 101 or 300; or Consent	
ESP 300: Environmental Law and Policy (3)	Upper Division Standing; ESP 200; or Consent	
Complete a minimum of 14 UNITS of Environmental Science and Policy Sustainability Courses (14 units total):		
Select at least 9 UNITS from the following courses:		
AIS 336: Indigenous Philosophies of Sustainability (3)	Upper Division Standing	
ASAM 350: Environmental Justice (3) GE: Human Diversity; Social Sciences and Citizenship (D2)	GE Foundations	
BIOL 459: Conservation Biology (3)	BIOL 260 and 350 with Grades of "C" or Better	
DESN 268: History and Theory of Sustainability in Design (3) GE: Global Issues; Social Sciences and Citizenship (D2) or (E)	GE Foundations or Consent of Instructor	
ENGR 302: Energy & Environment: Global Perspective (3) GE: Global Issues; Capstone (F) or (B1bNL) or (D2)	Upper Division Standing	
ESP/GEOG 392: Climate Action and Sustainability at CSULB (3) GE: Capstone (F)	Upper Division Standing	
GEOG/I/ST 355: International Environmental Issues (3) GE: Global Issues; Capstone (F) or (D2)	Upper Division Standing	
GEOG 464: Urban Geography: Sustainable Cities (3)	GEOG 100, 120, or 160, or Consent of Instructor	
HFHM 370: Exploring a Sustainable Food System (3) GE: Capstone (F)	Upper Division Standing	
MKTG 405: Green Marketing and Sustainability (3)	MKTG 300 and IS 301	
Elective units may be completed by selecting no more than 6 UNITS from the following courses:		
BIOL 350: General Ecology (3)	BIOL 211, 212, 213, 260; MATH 119A or 122; All with Grades of "C" or Better; or Consult Major Department for Permit	

BIOL 353: Marine Biology (3)	BIOL 153, 211, 212, 213, 260; All with Grades of "C" or Better
BIOL 450: Plant Ecology (3)	BIOL 260 and 350 with Grades of "C" or Better
BIOL 451: Wetlands & Mangrove Ecology (3)	BIOL 260 and 350 with Grades of "C" or Better
BIOL 456: Population Ecology (3)	BIOL 350; MATH 119B or 123; All with Grades of "C" or Better
BIOL 457: Field Methods in Ecology (3)	BIOL 260 and 350 with Grades of "C" or Better
BIOL 464: Aquatic Toxicology (3)	BIOL 211, 212, 213, 340; CHEM 220A or 227; All with Grades of "C" or Better
ECON 306: Environmental Issues of the World Economy (3) GE: Global Issues; Capstone (F) or (D2)	Upper Division Standing; GE Life and Physical Sciences; ECON 101
ECON 462: Environmental Economics (3)	ECON 310 with a Grade of "C" or Better
ECON 463: Energy Economics (3)	ECON 310 with a Grade of "C" or Better
ECON 464: Natural Resource Economics (3)	ECON 310 with a Grade of "C" or Better; ECON 380 or MATH 380 or BIOL 260 or STAT 108
ENGL 444: Literature and Environment (3) GE: Capstone (F) or (C2)	Upper Division Standing
GEOG 440: Land and Water Resources (3)	ESP 200 or GEOG 340 or Consent of Instructor
GEOG 442: Biogeography (3)	Corequisite: GEOG/ESP 330
GEOG 443: Watersheds: Processes and Management (4)	ESP 200 or GEOG 340 or Consent of Instructor
GEOG 444: Climatology (3)	ESP 200 or GEOG 340 or Consent of Instructor
GEOG 447: Landscape Restoration (3)	GEOG/ESP 330
GEOG 448: Environmental Assessment (3)	ESP 200 or GEOG 340 or Consent of Instructor
GEOG 455: People As Agents of Environmental Change (3)	GEOG 340 or Consent of Instructor
GEOG 458: Hazards and Risk Management (3)	ESP 200 or GEOG 340 or Consent of Instructor
GEOG 460: Population Geography (3)	GEOG 360 or Consent of Instructor
GEOG 481: Geographic Information Science for Natural Sciences (4)	Upper Division Standing; GEOG 140 or BIOL 153 or GEOL 102
GEOG 487A: Applications of Geographic Information Science: Environment and Natural Resources (4)	GEOG 485 or Consent of Instructor
GEOL 280: Water Resources and Society (3)	GEOL 102, 104; Four Years of High School Mathematics
GEOL 300: Earth Systems and Global Change (3) GE: Global Issues; Capstone (F) or (B1bNL)	Upper Division Standing; CHEM 100 or 111A or GEOL 102 or GEOL 106 with a Grade of "C" or Better
GEOL 303: Coastal Systems and Human Impacts	Upper Division Standing; BIOL 200, GEOL 102 or 160
GEOL 339: Introduction to Geomorphology (3)	GEOL 102 with 104 or 105; or GEOL 106 or GEOG 140
GEOL 465: Physical and Chemical Oceanography (3)	CHEM 111B; PHYS 100B or PHYS 151; Upper Division Standing in the College of Natural Sciences and Mathematics or Engineering
GEOL 466: Oceanography Laboratory and Ocean Studies (1)	Corequisite: GEOL 465
GEOL 477: Hydrogeology (4)	GEOL 102 and 104, CHEM 111B, PHYS 152, MATH 123
HIST 482: Recent American Environmental History (3) GE: Capstone (F)	Upper Division Standing
WGSS 424: Women and Environmental Justice (3) GE: Global Issues; Social Sciences and Citizenship (D2)	Upper Division Standing

See online Catalog for additional course information, limitations, and requirements.

GPA Requirements

Minimum 2.0 for ALL of the following:

- Overall GPA
- CSULB GPA
- Cumulative Major/Minor GPA

Unit Requirements

120 Overall units
 40 Upper Division units
 30 CSULB units
 24 Upper Division CSULB units

Class Unit Levels

0-29 units = Freshmen
 30-59 units = Sophomore
 60-89 units = Junior/Upper Division Standing
 90+ units = Senior

Graduate Writing Assessment Requirement (GWAR)

Attempt the Writing Proficiency Exam (WPE) before 50 units. Transfer students must take the WPE during their first semester.

Additional Information

- Some courses and GE Capstones may count in GE and the minor. Courses in bold indicate GE requirements. Visit the GE website for course selection: csulb.edu/ge.
- The minor requires a minimum of 20 units (at least 9 of which must be upper division) of coursework in Anthropology, Biology, Microbiology, Economics, Environmental Science and Policy, Geography, or Geology.

Department of Environmental Science and Policy

Location: PH1-210

Phone Number: (562) 985-8432

ATLAS Network/College of Liberal Arts Advising Center

Location: PH1-104

Phone Number: (562) 985-7804

File by 90!

File to graduate before your last semester.

See the Enrollment Services website for deadlines: csulb.edu/enrollment.