

# Bachelor of Science in Environmental Health Science

The Environmental Health Science Program is the appropriate choice for students who want to become health inspectors (i.e., registered environmental health specialists, REHS), industrial hygienists, hazardous waste control experts, air pollution control specialists, or vector control specialists. For those who plan on becoming registered environmental health specialists (REHS), this program is approved by the Environmental Health Specialist Registration Committee of the California Department of Public Health. Students who are certified by the Environmental Health Coordinator will have met the academic and experience requirements for admittance to the California Environmental Health Specialist Registration Examination. The program is also accredited by the National Environmental Health Science and Protection Accreditation Council, making its graduates eligible for job opportunities as environmental health officers in the Commissioned Corps of the U.S. Public Service.

Although a few courses in this program may be offered in online or hybrid mode, most courses are only offered in-person.

Note: All upper-division courses with an HSCI prefix or any course approved for upper-division Health Science substitutions require a grade of "C" (2.0) or better.

## Requirements (77 units)

Total units required for graduation: 120

## Requirements for the B.S. in Environmental Health Science

(Program Code: ENHS)

### Lower-division requirements (35)

Completion of the lower-division requirements results in satisfaction of the B1, B2, B3 and B4 general education requirements (10 units).

CHEM 2100	General Chemistry I	4
CHEM 2100L	General Chemistry I Laboratory	1
CHEM 2200	General Chemistry II	4
CHEM 2200L	General Chemistry II Laboratory	1
CHEM 2060	Survey of Organic and Biochemistry	4
CHEM 2060L	Survey of Organic and Biochemistry Lab	1
PHYS 2000	Introduction to Physics I	4
PHYS 2000L	Introduction to Physics I Lab	1
PHYS 2010	Introduction to Physics II	4
PHYS 2010L	Introduction to Physics II Lab	1
MATH 1601	Modeling with Calculus	3
HSCI 2203	Introduction to Statistics in Health Sciences	3
BIOL 2200	Microbiology for Allied Health Majors	4

### One year sequence of Biology courses (8)

Choose either Group A or Group B for a minimum of 8 units 8

Group A		
BIOL 2230	Human Anatomy and Physiology I for Allied Health Majors	
BIOL 2240	Human Anatomy and Physiology II for Allied Health Majors	
Group B		
BIOL 2010	Principles of Biology I	
BIOL 2020	Principles of Biology II	
<b>Upper-division requirements (28)</b>		
HSCI 3052	Principles of Environmental Health	3
HSCI 3580	Principles of Toxicology	3
HSCI 4202	Epidemiology	3
HSCI 4501	Advanced Environmental Health	4
HSCI 4502	Principles of Occupational Health	4
HSCI 4503	Vector-borne Disease Control	4
HSCI 4578	Environmental Health Management	3
HSCI 5754	Internship in Environmental Health	4
<b>Environmental Health Electives (6)</b>		
Six units chosen from the following (or others as approved by the program faculty advisor)		6
HSCI 3522	Air Pollution and Radiological Health	
HSCI 3556	Housing, Institutions, and Land Use	
HSCI 3558	Water Quality and Pollution Control	
HSCI 3581	Occupational Safety	
HSCI 4577	Environmental Health Engineering	
HSCI 5530	Food-Borne Illnesses and Their Prevention	
HSCI 5557	Solid and Hazardous Waste Management	
HSCI 5531	Bioterrorism and Emergency Response	
HSCI 5558	Management of Water Quality	

**Total Units 77**