

California State University, San Bernardino
Department of Health Science and Human Ecology

Bachelor of Science Degree in Health Science
Environmental Health Science Concentration

Name: _____ **Student ID Number:** _____

Address: _____ **Zip Code** _____

Phone No.: (Wk) _____ (Hm) _____

Previous Colleges/Universities Attended: _____

Previous Degree(s): _____

Previous Major(s): _____

CSUSB Bulletin: Year for graduation requirements: _____

Transfer Credits awarded by CSUSB: _____ **Quarter Units**

Related work experience: _____

Occupational goal: _____

Advising choices: Environmental Health Specialist, Industrial Hygienist, Other

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Advising record: (Advisor's Initial and Date)

Academic Year	Fall Quarter	Winter Quarter	Spring Quarter
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

University Requirements

A student must have a minimum of 184 quarter units in order to graduate in this major. Whereas there are choices, the following courses are used to earn 184 quarter units: BIOL 220 (5 units), CHEM 206 (5 units), and PHYS 121, 122, and 123 (13 units). Other choices are allowable providing that there are a minimum of 184 quarter units. Rev. 10/27/06

**Requirements for the Bachelor of Science Degree in Health Science
ENVIRONMENTAL HEALTH SCIENCE CONCENTRATION (HSEH)**

Course No.	Title	Units	Term Taken	School
BIOL 200	Biology of the Cell	5		
BIOL 201	Biology of Organisms	5		
BIOL 202	Biology of Populations	5		
BIOL 220 OR	Principles of Microbiology	5		
BIOL 320	Microbiology	6		
CHEM 215	Gen. Chem. I: At. Struc.& Chem. Bonding	6 (GE)		
CHEM 216	Gen. Chem. II. Prin. of Chem. React.	6		
CHEM 206 OR	Fund. of Chem. II: Org. Chem.	5		
CHEM 221ser OR	Organic Chemistry I, II, III	4, 4,4		
CHEM 321	Principles of Organic Chemistry I	5		
HSCI 120	Health & Society: An Ecological Approach	5 (GE)		
HSCI 352	Principles of Environmental Health	4		
HSCI 367	Human Disease Mechanism	4		
HSCI 380	Toxicology	4		
HSCI 401	Advanced Environmental Health	5		
HSCI 402	Principles of Occupational Health	5		
HSCI 403	Vector-borne Disease Control	5		
HSCI 451	Principles of Epidemiology	4		
HSCI 470	Health Behavior	4		
HSCI 478	Environmental Health Management	4		
HSCI 490	Health Service Administration	4		
HSCI 496	Internship in Environmental Health	4		
MATH 192 OR	Methods of Calculus	4 (GE)		
MATH 211	Basic Concepts of Calculus	4 (GE)		
MATH 262 OR	Applied Statistics	4		
MATH 305 OR	Statistics: Hypothesis Testing & Estimation	4		
HSCI 315	Statistics for the Health Sciences	4		
PHYS 121 &	Basic Concepts of Physics I	5		
PHYS 122 &	Basic Concepts of Physics II	4		
PHYS 123 OR	Basic Concepts of Physics III	4		
PHYS 221 &	General Physics I	5		
PHYS 222 &	General Physics II	5		
PHYS 223	General Physics III	5		

Health Science Electives (Minimum of six units to be chosen):

HSCI 322	Air Pollution	2		
HSCI 324	Radiological Health and Safety	2		
HSCI 354	Solid Waste Management	2		
HSCI 356	Housing and Institutions	2		
HSCI 358	Water Quality and Pollution Control	4		
HSCI 381	Occupational Safety	4		
HSCI 477	Environmental Health Engineering	4		
HSCI 499	Directed Readings	1-4		
HSCI 530	Food/borne Illnesses and Their Prevention	4		
HSCI 531	Bioterrorism	4		
HSCI 557	Hazardous Material Control	4		
HSCI 558	Management of Water Quality			
HSCI 595	Independent Study	1-6		

General Education recommendations:

NSCI 306	Expository Writing for the Natural Sciences	4 (GE)		
NSCI 325	Perspectives on Gender	4 (GE)		

Declaring the Concentration in Environmental Health Science

When you have decided to prepare for a career in Public Health and wish to specialize in Environmental Health, you must declare your major.

1. Go to the Office of Admissions and Records, they are located in University Hall, room UH 171.
2. Ask for a change of major form, complete it, pay the fee at the Bursar's window (UH 1st floor lobby), and turn the form in at one of open windows in UH-171.
3. To complete the form, you must declare a **Bachelor of Science Degree with a major in Health Science and a Concentration in Environmental Health Science**

The abbreviation for this major is **HSEH**.

Welcome to the Program!

You should plan on seeing an advisor in the Department of Health Science and Human Ecology soon. Your advisors in the Environmental Health Science Program are:

Lal S. Mian, Ph.D., REHS
Office: JB-213
Phone: (909) 537-7409
E-mail: lmian@csusb.edu

Robert Phalen, Ph.D.
Office: JB-214
Phone: (909) 537-5393
Email: phalen@csusb.edu

SUPPLEMENTAL INFORMATION

For students planning on becoming Registered Environmental Health Specialists

The California Department of Health Services-Environmental Management Branch administers the Environmental Health Specialist Registration Program. A candidate must pass the examination in order to become a Registered Environmental Health Specialist (REHS). This examination is given by the State of California. In order to be admitted to the examination, you must satisfy the State's academic and experience requirements, pursuant to the California Health and Safety Act, Section 106635-V. The Concentration in Environmental Health Science is accredited by the State of California and meets both the academic and experience requirements.

Continuous academic advisement is required to insure that all of the State's requirements are met.

If properly advised, at the time of graduation one becomes eligible to take the Environmental Health Specialist Registration Examination. To do this you must complete the following steps:

1. Send application to:

Margaret Blood, REHS, Administrator
Environmental Health Specialist Registration Program
California Department of Health Services
P.O. Box 997413,
MS7404
Sacramento, CA 95899-7413
Phone: (916) 449-5663
Fax: (916) 449-5665
Email: REHSprog@dhs.ca.gov

2. Request a letter of recommendation from the Environmental Health Science Program Coordinator. The letter will be sent to EHSRP Administrator and must contain certification that the applicant has met each and every requirement in the accreditation agreement.

Please contact Dr. Lal S. Mian [(909) 537-7409], if additional information is needed for this profession.

For students planning on becoming Certified Industrial Hygienists

The American Academy of Industrial Hygiene has established a Certification Program for the Industrial Hygiene Profession. Passing their examination is required in order to become 1) an Industrial Hygienist in Training (CIHT) and 2) a Certified Industrial Hygienist (CIH). To become eligible to take their examinations, a candidate must have a bachelor's degree with an appropriate major and must also meet their experience requirement. Up to three years of industrial hygiene work experience is required for admission to the Industrial Hygienist in Training Examination. Up to five years (total) of industrial hygiene work experience is required for admission to the Certified Industrial Hygienist Examination. If properly advised, students can expect to meet the academic requirement for these examinations at the time of graduation. Upon graduation, students are eligible for entry-level positions in this profession.

Please contact Dr. Robert Phalen [(909) 537-5393], if additional information is needed concerning this profession.

Other Careers in Environmental Health Science

There are additional career opportunities in Environmental Health Science, including vector control, hazardous material management, air pollution, as well as other emerging fields.

For additional information, contact

Environmental Health Science Program Coordinator
Dr. Lal S. Mian
Room: JB-213
Phone: (909) 537-7409 E-mail: lmian@csusb.edu