ENVIRONMENTAL HEALTH SCIENCE, B.S.

Requirements for a Major in Environmental Health Science

Code	Title	Hours
Thirty-seven semester hours including the following:		
Required Courses		
ENV 3100	Environmental Health Seminar	1
ENV 3314	Introduction to Environmental Health	3
ENV 3316	Introduction to Air Quality	3
ENV 3387 & ENV 3187	Environmental Chemistry and Environmental Chemistry Laboratory	4
ENV 3370	Managing Environmental Health and Safety	3
ENV 4325	Human Health Risk Assessment	3
ENV 4344	Fundamentals of Toxicology	3
ENV 4345	Water Management	3
ENV 4307	Environmental Law	3
or ENV 3300	The Environment and Political Processes	
ENV 4V93	Internship in Environmental Planning or Management	3
Select eight semester hours of additional ENV courses from the following:		8
ENV 2307	Ecology for a Changing World	
ENV 3310	Field Techniques for Environmental Science	
ENV 4307	Environmental Law	
ENV 4310	World Food Problems	
ENV 4318	Heavy Metals & Global Public Health	
ENV 4327	Human Catastrophe and Cultural Response	
ENV 4355	Principles of Renewable Resource Management	
ENV 4370 & ENV 4170	Fundamentals of Ecotoxicology and Fundamentals of Ecotoxicology Laboratory	
ENV 4373	Global Soil Systems	
ENV 4380	Restoration Ecology	
ENV 4397	Tropical Environments: Ecology and Sustainable Management	
ENV 4485	Introduction to Geographic Information Systems	
ENV 4V9R	Research (3 hours)	
Subtotal		**37**
Additional Requirements		
No more than four hours of variable hour courses may be applied to the major		
A minimum GPA of 2.0 in the first fifteen hours of ENV courses that are counted to complete requirements in the major is required. Students who do not have the required minimum GPA in ENV courses after completion of the first fifteen hours will be placed on probation for one semester in the major.		
A grade of "C-" or better in each ENV course used in the major and a minimum overall GPA of 2.0 or higher on ENV courses taken within the major.		
Required Courses in Other Fields		
CHE 1301 & CHE 1101	Basic Principles of Modern Chemistry I and General Chemistry Laboratory I	4
CHE 1302 & CHE 1102	Basic Principles of Modern Chemistry II and General Chemistry Laboratory II	4
CHE 3331	Organic Chemistry I	3
MTH 1321	Calculus I	3
STA 2381	Introductory Statistical Methods	3
BIO 1305 & BIO 1105	Modern Concepts of Bioscience and Modern Concepts of Bioscience Laboratory	4
BIO 1306 & BIO 1106	Modern Concepts of Bioscience, continued and Modern Concepts of Bioscience Laboratory	4
BIO 2306 & BIO 2106	Genetics and Genetics Laboratory	4
BIO 3322 & BIO 3122	Human Physiology and Human Physiology Lab	4
PHY 1408	General Physics for Natural and Behavioral Sciences I	4
or PHY 1420	General Physics I	
ENV 2376	Environment and Society	3
or REL 4393	Environmental Ethics	
or REL 4395	Bioethics	
PUBH 2331	Health Concepts and Competencies	3
PUBH 3351	Epidemiology/Vital Statistics	3
NUTR 1401	Introduction to Food Science	4
Select one of the following sequences:		4
BIO 1302 & BIO 1102	Introductory Microbiology and Introductory Microbiology Laboratory	
BIO 4302 & BIO 4102	General Microbiology and General Microbiology Lab	
Total Hours		**91**