

EHAC Accreditation for 2016 UG Requirements Undergraduate Course 'Table 2'

Course Comparison Form (UG Requirements, pg. 9)

***Semester or Quarter Hours? Circle one**

EHAC Academic Guidelines	Course Designation	Course Name	Credit Hours	% Course Time Corresponding to EHAC Requirements	Principal Instructor
<i>A. Foundational Courses (semester hours x 1.5 = required quarter hours)</i>					
1. Natural Sciences <i>(pg. 9 of 21)</i>					
Biological Sciences with laboratories (Min. 3 semester credits)					
Microbiology with laboratory (Min. 3 semester credits)					
General Chemistry with laboratories (Min. 6 semester credits)					
Organic Chemistry with laboratory (Min. 3 semester credits)					
Physics (Min. 3 semester credits)					
Additional natural science courses and/or credits for a total of 24 semester hours (36 quarter hours)					

EHAC Academic Guidelines	Course Designation	Course Name	Credit Hours	% Course Time Corresponding to EHAC Requirements	Principal Instructor
Total Natural Science hours					
2. Communications (pg. 10 of 21)					
Demonstrate communication competency covering Information technology/computer skills; Public speaking; and Technical writing					
3. Mathematics (pg. 10 of 21)					
One course in College Algebra					
4. General Education (pg. 10 of 21)					
Satisfy GE requirements for institution					
5. Optional (electives) (pg. 10 of 21)					
Other courses					
<i>B. Core Environmental Health Knowledge Areas</i>					
1. Methodology Core (standalone courses pg. 10-11 of 21)					
Epidemiology					
Statistical Methods					

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Toxicology					
2. Cross Cutting Knowledge Areas (Basic understanding pg. 10-11 of 21)					
Analysis and reduction of environmental risks (i.e., risk assessment, communication & management)					
EH Mgmt (policy analysis, emergency management systems & program administration)					
Administrative Law and Process					
C. Environmental Health Technical Areas					
<p><i>Students shall have been exposed to the foundational principles of environmental health (all six * starred topic areas) and in-depth study shall have been received in at least <u>four</u> of the topic areas listed below. (pg 11-12 of 21)</i></p>					
Air Quality Control *					
All-hazard Preparedness					
Built Environment					↓
Global Climate Change and Human Health					
Disease Prevention					

EHAC Academic Guidelines	Course Designation	Course Name	Credit Hours	% Course Time Corresponding to EHAC Requirements	Principal Instructor
Environmental Health Planning					
Food Protection *					
GIS					
Global Environmental Health					
Hydrogeology					
Injury & Violence Prevention					
Institutional Health					
Occupational Health and Safety *					
Radiation Health					
Recreational Envir. Health					
Risk Analysis					
Soils					
Solid and Hazardous Materials and Waste Management *					
Water and Wastewater *					
Zoonotic and Vectorborne Diseases and Their Control *					

D. Environmental Health Practice ([pg. 12 of 21](#))

EHAC Academic Guidelines	Course Designation	Course Name	Credit Hours	% Course Time Corresponding to EHAC Requirements	Principal Instructor
Field Experience: (min. 180-clock hours total)					