

## Bachelor of Science

Environmental Health and Safety major Major Code EH02/EH04

CIP Code: 512202

Cr Hrs

<b>General Education CORE 42 Requirements 42*</b>		<b>32</b>
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab BIO/CHEM	
Area 3B	Natural science With Lab BIO/CHEM	
Area 4	Mathematics MATH 130/135/140	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
<b>UE 100</b>	<b>First Year Experience**</b>	<b>1</b>
<b>Science and Math</b>		<b>32-34</b>
BIO 101 or BIO 108 & 109 or BIO 121		4
BIO 231	General and Medical Microbiology	5
CHEM 140/141	General Chemistry I/Gen Chem I Lab	4
CHEM 142	General Chemistry II	5
CHEM 301	Organic Chemistry	5
PSY 150 or Phys 160		4-5
MATH 140 or MATH 130 & 135		5-6
<b>Required EH Courses</b>		<b>44</b>
EH 311	Soil Morphology and Sewage Systems	3
EH 312	Environmental Biology	3
EH 370	Environmental Health & Safety	3
EH 371	Environmental Toxicology	3
EH 372	Environmental Regulations	3
EH 373	Solid and Hazardous Waste Management	3
EH 374	Industrial Hygiene	3
EH 375	Disease Vector Control	1
EH 376	Water Quality Management	3
EH 377	Food Safety	3
EH 378	Occupational Health and Safety	3
EH 379	Career Planning for Env Health & Safety	1
EH 380	Epidemiology	3
EH 382	Epidemiological Statistics	1
EH 410	Hazardous Incident Management	1
EH 411	Hazardous Material Safety	2
EH 481	Environmental Risk & Safety Mgmt	3
EH 495	Field Experience in EH&S (1-4 hrs)	2
<b>General Electives</b>		<b>10-12</b>
<b>Total Hours</b>	<b>Must include at 39 upper division (300-400) hrs</b>	

\*Gen. Ed. Core 42 Requirements Area 3 met by science requirements, area 4 met by math requirements

\*\*\*See prerequisites

### For distance track (EH04)

- Biology with laboratory - at least 3 semester hours, 5 quarter hours.
- Microbiology with laboratory at least 3 semester hours, 5 quarter hours
- General Chemistry with laboratories – at least a total of 6 semester hours or 10 quarter hours
- Organic Chemistry with laboratory – at least a total of 3 semester hours or 5 quarter hours.
- Physics – at least 3 semester hours or 5 quarter hours.
- Additional Basic Science – (at least 6 semester hours or 10 quarter hours), basic sciences must total at least 24 hours
- College Algebra (at least 3 hours or 5 quarter hours) or higher level

Note this list of basic science and math courses is subject to periodic change by EHAC.