

Bachelor of Science 2023-24 AY
Environmental Health and Safety major Major Code EH02/EH04
CIP Code: 512202 Cr Hrs

General Education CORE 42 Requirements 42*		32
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 (3)	
Area 3B	Natural science With Lab BIO/CHEM (4)	
Area 4	Mathematics MATH 130 or 140 or 150 (3)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Science and Math		29-33
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	5
CHEM 142	General Chemistry II	5
CHEM 210 (4) or CHEM 301 (5)		4-5
PHYS 150 (3) or PHYS 160 (4)		3-4
MATH 130 or MATH 140 or MATH 150		3-5
Required EH Courses		44
EH 311	Soils for Environmental Health & Safety	2
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	2
EH 411	Hazardous Material Safety	2
EH 481	Environmental Risk & Safety Mgmt	3
EH 495	Field Experience in EH&S (1-4 hrs)	2
General Electives		10-14
Total Hours	Must include at 39 upper division (300-400) hrs	120

*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 (BIO 101) - at least 3 semester hours, 5 quarter hours.
 - Microbiology with laboratory at least 3 semester hours, 5 quarter hours
 - General Chemistry with laboratories (CHEM 140/141, only fulfills 5 hrs) – at least a total of 6 semester hours or 10 quarter hours
 - Organic Chemistry with laboratory (CHEM 210 – at least a total of 3 semester hours or 5 quarter hours.
 - Physics (PHYS 150) – 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.

Students are required to earn a grade of "C" or better in all EH prefix courses.