

# Bachelor of Science in Environmental Health and Safety Study Plan (Effective Fall 17-18)

Total Credit Hours 130

## First Year (Freshman)

### Semester I (FALL)

Code	Title	Credit	Prerequisite(s)
ARL 100 (A)	Communication Skills in Arabic I	3	No Prerequisite
ENG 200	English II	3	*EPSS/ENG100 (C grade) + (Co)UNS102
ENS 205	introduction to Environmental Science	3	(Co)ENG 100/ENG200 + (Co)UNS 102
BIO 205	General Biology	3	(Co)ENG 100/ENG200 + (Co)UNS 102
BIO 205 L	General Biology Lab	1	BIO 205 (Pre/Co-req)
UNS 102	University Study Skills	1	No Prerequisite

Total Credit Hours

**14**

### Semester II (SPRING)

Code	Title	Credit	Prerequisite(s)
PSY 201	General Psychology	3	ENG 100 & (Co-) UNS102
CRT 301	Critical Thinking	2	ENG 200 & UNS102
STT 100	General Statistics	3	No Prerequisite
EHS 205	Intro to Environmental Health & Safety	3	(Co)ENG 100/ENG200 + (Co)UNS 102
ITE 100	Introduction to IT	3	No Prerequisite
ISL 100 (A)	Islamic Culture	3	No Prerequisite

Total Credit Hours

**17**

## Second Year (Sophomore)

### Semester III (FALL)

Code	Title	Credit	Prerequisite(s)
ENG 305	Technical Communication for Engineering and Science	3	ENG 200
HSC 205	Biostatistics	3	STT 100
HSC 200	Intro to health Management	3	ENG 200 + UNS 102
CHE 205	General Chemistry	3	ENG100 + UNS102 (Pre / Co-Req)
CHE201 L	General Chemistry Lab	1	CHE205 (Pre / Co-Req)
MTT 101	Math for Science & Technology	3	MTG 100 (C) / Math Placement Test

Total Credit Hours

**16**

### Semester IV (SPRING)

Code	Title	Credit	Prerequisite(s)
SOC 201	UAE and GCC	3	ENG 100 & (Co)UNS102
HSC 210	Epidemiology & Population Health	3	HSC205
HSC 201	Determinants of Public Health	3	ENG200 & UNS102
ENS 220	Environmental Policy	3	ENS 205
OE 1	Open Elective 1	3	

Total Credit Hours

**15**

## Third Year (Junior)

### Semester V (FALL)

Code	Title	Credit	Prerequisite(s)
ASC 301	Research Report Writing	3	STT 100
HSC 305	Occupational Health & Safety	3	EHS205
EHS 310	Food Safety & Management	3	EHS205
OE 2	OE / Concentration	3	
OE 3	OE / Concentration	3	

Total Credit Hours

**15**

### Semester VI (SPRING)

Code	Title	Credit	Prerequisite(s)
INE 300	Introduction to Innovation and Entrepreneurship	3	ENG 200 + Completion of 60 chrs
EHS 300	Housing & Sustainable Communities	3	ENS205
EHS 405	Waste Management	3	ENS205
ENS 210	Natural Resources Conservation	3	ENS205
HSC 315	Global Issues in Environmental Health	3	HSC201 + EHS 205

Total Credit Hours

**15**

## Summer Semester

Code	Title	Credit	Prerequisite(s)
EHS 399	Internship	3	90 credit hours

## Fourth Year (Senior)

### Semester VII (FALL)

Code	Title	Credit	Prerequisite(s)
EHS 420	Hazardous Materials	3	EHS205
EHS 499	Undergraduate Research	4	ENS205 + EHS205 + 60CH
EHS 415	Environmental Health Regulation & Compliance	3	ENS205 + EHS205
PHI 300	Professional Ethics	3	ENG 200
OE 4	Open Elective 4	3	
OE 5	Open Elective 5	3	

Total Credit Hours

**19**

### Semester VIII (SPRING)

Code	Title	Credit	Prerequisite(s)
EHS 400	Toxicology	3	EHS205
EHS 425	Pollution Monitoring & Control	3	ENS205 + EHS405
EHS 425 L	Methods & Sampling Lab	1	ENS205 + CHE201L
EHS 410	Impact Assessment	3	ENS205 + EHS205
EHS 430	Health Risk Management	3	ENS205 + EHS205
OE 6	Open Elective 6	3	

Total Credit Hours

**16**

**Note:** ENG200 Prerequisite: "C" grade in ENG100 + UNS102 or Score of 1250+ & B2 (CEFR) in Writing Component for EmSAT or/ 5.5 overall average & 5.5 specific score in Writing Component for IELTS ..... equivalent in other English Proficiency Test or Co-req UNS102 for students who enter ENG200 directly