

Bachelor of Science in Environmental Health and Safety Study Plan (Effective Fall 2021)

Total Credit Hours 130

First Year (Freshman)

Semester I (FALL)

Code	Title	Credit	Prerequisite(s)
ARL 101 (A)	Communication Skills in Arabic Language	3	No Prerequisite
ENG 200	English II	3	IELTS average score of 6 or EMSAT average score of 1400 or passing grade in ENG 102 R + (FWS100(E)/ USS001 (P) as co-req if placed in ENG200)
EHS 205	Intro to Environmental Health & Safety	3	(Co)ENG 102 (R) /ENG 200 + (Co) FWS100
ISL 100 (A)	Islamic Culture	3	No Prerequisite
FWS 100	Academic Skills for Success	3	No Prerequisite

Total Credit Hours **15**

Semester II (SPRING)

Code	Title	Credit	Prerequisite(s)
ITD 100	Introduction to Information and Digital Technology	3	No Prerequisite
MTT 101	Pre-Calculus	3	EMSAT score 1100 -1475 / or MPT/ or Passing Grade in MTH 100 R
STT 100	General Statistics	3	No Prerequisite
ENS 205	Introduction to Environmental Science	3	(Co)ENG 102 (R) /ENG 200 + (Co)FWS100
BIO 205	General Biology I	3	(Co)ENG 102 (R) /ENG 200
BIO 205 L	General Biology I Lab	1	BIO 205 (Pre / Co-req)

Total Credit Hours **16**

Second Year (Sophomore)

Semester III (FALL)

Code	Title	Credit	Prerequisite(s)
FWS 205	UAE and GCC Society	3	ENG 102 (R) + FWS 100 (Co) OR ENG 200 (Co) + FWS 100
HSC 205	Biostatistics	3	STT 100
HSC 200	Introduction to Health Management	3	EHS205
CHE 205	General Chemistry I	3	(Co)ENG 102 (R) /ENG 200
CHE201 L	General Chemistry I Lab	1	Co-Req CHE205
FWS211	Fundamentals of Emotional Intelligence	3	ENG102 (R) & FWS100 (E)/ USS001 (P)as pre-req FWS100(E)/ USS001 (P) as co-req if placed in ENG200 course directly

Total Credit Hours **16**

Semester IV (SPRING)

Code	Title	Credit	Prerequisite(s)
FWS 305	Technical Communication for the Workplace	3	ENG 200 + Completion of 45 Chrs
HSC 210	Epidemiology & Population Health	3	HSC205
HSC 201	Determinants of Public Health	3	ENS205
ENS 220	Environmental Policy	3	ENS 205
ENS 210	Natural Resources Conservation	3	ENS205
OE 1	Open Elective 1	3	

Total Credit Hours **18**

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	HSC200
EHS 310	Food Safety & Management	3	HSC210
EHS 400	Toxicology	3	BIO205
OE 2	Open Elective 2	3	

Total Credit Hours **15**

Semester VI (SPRING)

Code	Title	Credit	Prerequisite(s)
FWS 310	Fundamentals of Innovation and Entrepreneurship	3	ENG 200 + Completion of 60 Chrs
EHS 300	Housing & Sustainable Communities	3	ENS210
EHS 320	Waste Management	3	ENS210
HSC 315	Global Issues in Environmental Health	3	EHS 205
HSC 410	Healthcare Research Methodology	3	HSC205

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	HSC305
EHS 499	Undergraduate Research	4	90 credit hours
EHS 415	Environmental Health Regulation & Compliance	3	ENS220 + HSC315
OE 3	Open Elective 3	3	
OE 4	Open Elective 4	3	

Total Credit Hours **16**

Semester VIII (SPRING)

Code	Title	Credit	Prerequisite(s)
FWS301	Developing Future Leaders	3	FWS100(E) / USS001 (P) + ENG200 and Completion of 45 Chrs
EHS 425	Pollution Monitoring & Control	3	EHS320 + CHE205
EHS 425 L	Pollution Monitoring & Control Lab	1	CHE201L/Pre-req or Co-req EHS 425
EHS 410	Impact Assessment	3	EHS320
EHS 430	Health Risk Management	3	HSC315
OE 5	Open Elective 5	3	HSC315

Total Credit Hours **16**

Important Notes: All major courses are offered in their designated semesters as stated on this study plan. Do not delay your general education courses to your last year.