



Life Sciences: Environmental Sciences & Sustainability Track

Course Progression 2020-2021



YEAR 1		YEAR 2		YEAR 3		YEAR 4		Graduation
Fall (19)	Spring (19)	Fall (17)	Spring (20)	Fall (19)	Spring (16)	Fall (12)	Spring (12)	
General Biology I BIO 101 (3+1)	General Biology II BIO 112 (3+1)	Mech. & Waves for Life Science PHU 205 (3+1)	Electro. & Optics for LS PHU 216 (3+1)	Research Methodology LSR 302 (3)	Instrumental Analysis CHM 310 (3+1)	Environmental Monitoring ENV 410 (3)	Biotechnology BIO 440 (3)	Total (134)
General Chemistry I CHM 101 (3+1)	General Chemistry II CHM 112 (3+1)	Organic Chemistry I CHM 211 (3+1)	Organic Chemistry II CHM 212 (3+1)	Biochemistry I BIO 346 (3+1)	Conservation Biology BIO 325 (3)	Waste Management ENV 420 (3)	Environ. Policy & Economics ENV 425 (3)	
Calculus I MAT 105 (3)	Calculus II MAT 116 (3)	Microbiology BIO 223 (3+1)	Human Physio. & Anat. BIO 224 (3+1)	Environmental Health ENV 305 (3)	Energy & Sustainability ENV 330 (3)	Life Science Research Project I LSR 421 (3)	Life Science Research Project II LSR 422 (3)	
Introduction to Comp. Sci. CSC 101 (3)	Humanity Course Elective (3)	Probability & Statistics STA 211 (3)	Environ. Sci. & Sustainability ENV 205 (3)	Advanced Program Elective I (3)	Advanced Program Elective III (3)	Life Science Special Topics II LST 422 (3)	Integrative LS Research Seminar LSR 423 (3)	
Freshmen English I ENG 101 (3)	Freshmen English II ENG 112 (3)	Arabic Language I ARB 101 (2)	Arabic Language II ARB 112 (2)	Advanced Program Elective II (3)	Advanced Program Elective IV (3)			
Islamic Studies I ISL 101 (2)	Islamic Studies II ISL 112 (2)		Free Elective Course (3)	Free Elective Course (3)				
				Life Sciences Summer Internship LSR 390 (0)				
Gen. Education Requirements and electives Credit Hours (23), Courses (9)	College Requirements Credit Hours (25), Courses (7)	Program Requirements Credit Hours (44), Courses (12)	Advanced Program Electives Credit Hours (12), Courses (4)	Track Requirements Credit Hours (18), Courses (6)	Special Topics, Internship, Research, and Seminar Credit Hours (12), Courses (5)			