Environmental Engineering Sample Schedule

	Total Credit Hours	Terms: 1	2	3	4	5	6	7	8
Subjects Required by all Programs (55 hours)									
Mathematics 115, 116, 215, 216	**16**	**4**	**4**	**4**	**4**	-	-	-	-
Engineering 100, Introduction to Engineering	**4**	**4**	-	-	-	-	-	-	-
Engineering 101, Introduction to Computers	**4**	-	**4**	-	-	-	-	-	-
Chemistry 130 and 125/126[1]	**5**	**5**	-	-	-	-	-	-	-
Physics 140 with Lab 141[2]	**5**	-	**5**	-	-	-	-	-	-
Physics 240 with Lab 241[2]	**5**	-	-	**5**	-	-	-	-	-
Intellectual Breadth (includes Economics 101 or 102)	**16**	**4**	**4**	-	-	-	**4**	**4**	-
Mathematical Methods (7 hours) +									
CEE 373, Statistical Methods	**3**	-	-	-	-	**3**	-	-	-
CEE 303, Computational Methods	**4**	-	-	-	-	-	**4**	-	-
Technical Core Subjects (32 hours) [3]***+***									
Chemistry 210, Structure & Reactivity I	**4**	-	-	-	**4**	-	-	-	-
CEE 200, Intro to Civil & Environmental Engineering	**1**	-	-	-	**1**	-	-	-	-
CEE 211, Statics and Dynamics	**4**	-	-	**4**	-	-	-	-	-
CEE 230, Thermodynamics and the Environment	**3**	-	-	**3**	-	-	-	-	-
CEE 265, Sustainable Engineering Principles	**3**	-	-	-	**3**	-	-	-	-
CEE 325, Fluid Mechanics	**4**	-	-	-	**4**	-	-	-	-
CEE 365, Environmental Engineering Principles	**4**	-	-	-	-	**4**	-	-	-
CEE 366, Environmental Engineering Laboratory	**2**	-	-	-	-	-	**2**	-	-
CEE 421, Hydrology and Floodplain Hydraulics	**4**	-	-	-	-	-	-	**4**	-
CEE 465, Environmental Process Engineering	**3**	-	-	-	-	-	**3**	-	-
Environmental Sciences (9 hours) +									
Earth Science Elective: *CLIMATE 320, 410, 463 or 475; EARTH 305, 315, 321, 323, 442, 451 or 477*	**3**	-	-	-	-	**3**	-	-	-
CEE 481/581, Aquatic Chemistry	**3**	-	-	-	-	-	**3**	-	-
CEE 482/582, Environmental Microbiology	**3**	-	-	-	-	-	-	**3**	-
Environmental Engineering Design (4 hours) +									
CEE 402, Professional Issues and Design	**4**	-	-	-	-	-	-	-	**4**
Technical Electives (9 hours) [4] ***+***									
Water Quality and Health: *CEE 428*, CEE 480*, CHE 342, EHS 500*	**9**	-	-	-	-	-	-	**3**	**6**
Atmospheric and Earth Systems: *CEE 549, CEE 563*, CLIMATE 463, CLIMATE 467, EARTH 413*									
Environmental Fluid Dynamics: *CEE 428*, CEE 521, CEE 522, CEE 526**									
Energy and Sustainable Infrastructure: *CEE 567, UP 423, EARTH 344*									
Environmental Policy and Entrepreneurship: *ENGR 520, NRE 475, CLIMATE 480*									
General Electives (12 hours)	12	-	-	-	-	4	-	2	6
Total	***128***	***17***	***17***	***16***	***16***	***14***	***16***	***16***	***16***

Revised: April-18

Candidates for the Bachelor of Science degree in Engineering (Environmental Engineering) - B.S.E. (Env.E.) - must complete the program listed above. This sample schedule is an example of one leading to graduation in eight terms.

Notes: **Fall** **Winter**

(+) Environmental Engineering students must earn a C- or better in all courses whose categories are marked with a "+".

1. If you have a satisfactory score or grade in Chemistry AP, A-Level, IB Exams, or transfer credit from another institution for Chemistry 130/125/126, you will have met the Chemistry Core Requirement for the College of

2. If you have a satisfactory score or grade in Physics AP, A-Level, IB Exams, or transfer credit from another institution for Physics 140/141 and 240/241, you will have met the Physics Core Requirement for the College of Engineering.

3. CEE may accept equivalent courses offered by other departments in the College of Engineering, with permission of the program advisor.

(*) 4. At least two of the three technical electives must be CEE courses, including one design course: CEE 428, 480, 526, or 563.