

Curriculum Guide							
Major: Environmental Engineering (B.S.)							
2012-2013							
First Year				Second Year			
Semester 1		Semester 2		Semester 1		Semester 2	
ENGR 1301/L*	3 hrs.	ENGR 1304/L	3 hrs.	ENGR 2301*	3 hrs.	ENGR 2302*	3 hrs.
ENGL 1301	3 hrs.	ENGL 2311*	3 hrs.	PHYS 2425/L*	4 hrs.	MATH 3340*	3 hrs.
CHEM 1411/L*	4 hrs.	CHEM 1412/L*	4 hrs.	MATH 3342*	3 hrs.	EVEG 2331/L*	3 hrs.
MATH 2413*	4 hrs.	MATH 2414*	4 hrs.	CS 1315*	3 hrs.	COMM 1315 or 1321	3 hrs.
Core 90 <sup>c</sup> (IDS 1071 if required)	1-3 hrs.	Core 50 <sup>c</sup>	3 hrs.	ENGR 1375/L	3 hrs.	Science Elective <sup>1</sup>	3-4 hrs.
						ENVR Elective <sup>2</sup>	3 hrs.
15-17 hrs.		17 hrs.		16 hrs.		18-19 hrs.	
Third Year				Fourth Year			
Semester 1		Semester 2		Semester 1		Semester 2	
EVEG 3342*	3 hrs.	EVEG 3311*	3 hrs.	EVEG 3361/L*	3 hrs.	EVEG 4382/L*	3 hrs.
EVEG 3404/L*	4 hrs.	EVEG 3343/L*	3 hrs.	EVEG 4381/L*	3 hrs.	EVEG 4097/4098	3 hrs.
BIOL elective <sup>3</sup>	3-5 hrs.	Core 60 <sup>c</sup>	3 hrs.	Core 70 <sup>c</sup>	3 hrs.	Core 40 <sup>c</sup>	3 hrs.
EVEG 3344/L*	3 hrs.	Engineering Elect. (1) <sup>4</sup>	3 hrs.	Core 60 <sup>c</sup>	3 hrs.	Core 70 <sup>c</sup>	3 hrs.
MATH 4361*	3 hrs.	BIOL Elective <sup>3</sup>	3-5 hrs.	Engineering Elect. (2) <sup>5</sup>	3 hrs.	Core 80 <sup>c</sup>	3 hrs.
				ENVR Elective <sup>2</sup>	3 hrs.		
16-18 hrs.		15-17 hrs.		18 hrs.		15 hrs.	
* Indicates prerequisites. <sup>c</sup> See degree checklist for options.      FA=Fall only      SP=Spring only							
<b>NOTE: Course scheduling/rotation notes are not definitive and should be used for general planning purposes only. A number of factors can influence when courses are offered. Students should always seek the advice of their academic advisor before scheduling classes.</b>							

#### PREREQUISITE NOTES:

**CHEM 1411:** MATH 1314 or MATH 1324.  
**CHEM 1412:** CHEM 1411.  
**CS 1315:** MATH 1314 and MATH 1316 or MATH 2412.  
**ENGL 2311:** ENGL 1301.  
**ENGR 1301:** MATH 1314 or MATH 1324.  
**ENGR 2301:** ENGR 1301 and MATH 2413.  
**ENGR 2302:** ENGR 2301.  
**EVEG 2331:** ENGR 1301 and CHEM 1412.  
**EVEG 3311:** EVEG 2331 and EVEG 3404 or MENG 4304.  
**EVEG 3342:** EVEG 2331.  
**EVEG 3343:** EVEG 2331 and EVEG 3404.  
**EVEG 3344:** ENGR 1301, ENGR 2301, ENGR 2302.  
**EVEG 3361:** EVEG 3404, EVEG 3342, EVEG 3343, EVEG 2331.  
**EVEG 3404:** ENGR 1301, ENGR 2301, ENGR 2302, MATH 3342.  
**EVEG 4097:** EVEG 3342, EVEG 3343, EVEG 3344.  
**EVEG 4098:** consent of instructor.  
**EVEG 4381:** senior classification and consent of instructor.  
**EVEG 4382:** senior classification and consent of instructor.  
**MATH 2413:** MATH 1316, MATH 2412, or ACT score of 27 or SAT 620 or above on the math section.  
**MATH 2414:** MATH 2413.  
**MATH 3340:** prerequisite is MATH 2414.  
**MATH 3342:** MATH 2414.  
**MATH 4361:** MATH 2414.  
**PHYS 2425:** MATH 2413 or concurrent enrollment.

#### ADDITIONAL NOTES:

<sup>1</sup> **Science Electives:** must be from GEOG/GESC 3308, 3313; GEOL 1403, 1404, 3312 (prerequisite is GEOL 1403, 1404 or consent of instructor), 3350 (prerequisites are GEOL 1403, 1404; CHEM 1411; MATH 1314, 1316; or consent of instructor); PSES 2411, 4311 (prerequisite is PSES 2411).  
<sup>2</sup> **ENVR Electives:** must be from ENVR 4301 (prerequisite is 60 hours of core courses), 4302 (prerequisite is adviser's approval), 4305/L, 4306/L.  
<sup>3</sup> **BIOL Electives:** must be from BIOL 1406/L, 1407/L, 1411/L, 1413/L, 2374 (prerequisite is BIOL 1406, 1411, or 1413, or consent of instructor), 2420/L or 2572/L (prerequisite is four hours of biology), 3374 (prerequisite is BIOL 2374), 4425/L, 4510/L.  
<sup>4</sup> **Engineering Elective (1):** must be from MENG 3311, 3312 (prerequisite is MATH 2412), 3320 (prerequisites are PHYS 2426 and MATH 2414), 4321 (prerequisite is MATH 4361); EVEG 4341.  
<sup>5</sup> **Engineering Elective (2):** ENGR 4311 (prerequisites are ENGR 1301/L, 1375/L and MATH 2413); EVEG 4340 (prerequisites are CS 1315; EVEG 3361; and two from EVEG 3342, 3343, 3344); MENG 4340 (prerequisite is MATH 3342), 4307 (prerequisites are MATH 3342 and 3311).