

Sample Curriculum Plan: Environmental Science: Soil Resources and Environmental Sustainability

	Autumn			Spring			Summer		
	Course	Credit Hrs	Offered	Prerequisite	Course	Credit Hrs	Offered	Prerequisite	Course
First Year	ENR 1100	1	AU/SP	<i>C- or better in MATH 1130, 1131, 1148, 1150 or above, or Math placement L or M</i> <i>dependent on math placement</i>	ENR 2300	3	AU/SP/SU	<i>dependent on category and course</i> CHEM 1210	Internship or Study Abroad (recommended)
	ENR 2100	3	AU/SP/SU		GE ¥	3	-		
	CHEM 1210	5	AU/SP/SU		ENGLISH 1110	3	AU/SP/SU		
	MATH 1151 or MATH 1156	5	AU/SP/SU; AU		Total Credit Hours	14			
	Total Credit Hours	14							
Second Year	BIOLOGY 1113	4	AU/SP/SU	<i>MATH 1130, 1148, 1150 or above, or placement L or M; prereq/concur CHEM 1110, 1210 or above</i> ENR 2100 <i>dependent on category and course</i>	BIOLOGY 1114	4	AU/SP/SU	<i>MATH 1130, 1148, 1150 or above, or placement L or M; prereq/concur CHEM 1110, 1210 or above</i> ENGLISH 1110 <i>dependent on category and course</i>	Internship or Study Abroad (recommended)
	CHEM 2310	4	AU/SP		ENR 2367	3	AU/SP		
	ENR 3280	2	AU		ENR 3700 †	3 †	AU/SP		
	ENR 3300	3	AU/SP/SU		ENR 3000	3	AU/SP		
	GE ¥	3			ENR 3001	1	AU/SP		
	Total Credit Hours	16			GE ¥	3			
Third Year	ENR 2000; or STAT 1450	3	AU/SP; AU/SP/SU	- <i>MATH 1116 or 1130 or above; or placement L or M</i> ENR 3000 & 3001 <i>MATH 1075 or above</i> BIOLOGY 1114 ENR 2300 or PSYCH 1100; Take ENR 3400 in AU or ENR 3500 in SP Take either AgSysMgt 2370 in AU or EarthSc 5550 in SP	ENR 3200 (prev 4000)	3	AU/SP	ENR 2100 and 2300 <i>C- or better in MATH 1148 or Math placement M</i> ENR 2300 or RURLSOC 1500 or SOCIOL 1101 EarthSc 1121	Internship or Study Abroad (recommended)
	ENR 5260	3	AU odd yrs		PHYSICS 1200	5	AU/SP/SU		
	EARTHSC 1121	4	AU/SP/SU		AEDECON 2001; or ECON 2001.01	3	AU/SP; AU/SP/SU		
	EEOB 3410	4	AU/SP/SU		Total Credit Hours	14-17			
	ENR 3400	3	AU		ENR 3500	3	AU/SP		
	AgSysMgt 2370	2	AU		EarthSc 5550	3	SP		
	Total Credit Hours	16-17			Total Credit Hours	14-17			
Fourth Year	ENR 5262	3	AU	CHEM 1210 Senior standing * * * ENR 3000; Take ENR 5270 in AU or ENR 4260 in SP; In alternate term take GE	ENR 5261	3	SP	ENR 3000 * - ENR 3000	
	ENR 4900	3	AU/SP		ENR 5263	3	SP		
	Spl. Directed Elective	3	*		Spl. Directed Elective	3	*		
	Spl. Directed Elective	3	*		GE ¥	3	-		
	ENR 5270 or GE ¥	3	AU		ENR 4260 or GE ¥	3	SP		
	Total Credit Hours	15			Total Credit Hours	15			

*see other side

† If you took ENR 3700 before AU16, it was only worth 2 credit hours; you may need to take an additional hour *Directed Electives* to reach the 121-hour degree minimum.

¥ Plan to overlap the GE Diversity requirement with courses in the GE Social Science and/or GE Humanities courses: Of the five courses in these categories, one course should also meet the Social Diversity in the US (dot) requirement, and two courses should also meet the Global Studies (triangle) requirement. Not overlapping the three GE Diversity requirements with the other GE categories means you will need to take additional courses in order to graduate.

Degree Total: 121 hours

Revised: 1/28/2019

Entering as a transfer student:
 Students joining the major as a new transfer student or transferring from another OSU major will need to modify the curriculum roadmap to meet their needs. Courses to focus on during the first year in the major include:

 1st Semester: **ENR 2100, MATH 1151/1156, and CHEM 1210**
 2nd Semester: **CHEM 1220, and BIOLOGY 1113**

PLEASE NOTE: course offering dates and prerequisites may have changed. For the most up-to-date information, check the University's online course search and course catalog through BuckeyeLink.

 For a personalized report on degree progress, you can run a degree audit. You may access your degree audit through BuckeyeLink.

***Soil Resources Specialization Directed Elective Options**

DIRECTED ELECTIVES*: 7-9 hours supporting specialization & approved by faculty mentor

Course	Credit Hrs	Offered	Has prereq?
ENVENG 2100	3	SP	Yes
CIVILEN 5130	3	AU	Yes
EARTHSC 5651	4	AU	EarthSc 1121, Math 1152 or above
ENR 5280	4	AU	ENR 3300
ENR 5250.01	3	AU	EEOB 3410
ENR 5210	3	AU	Junior standing
ENR 5211	3	SP	Junior standing
ENR 4345	4	AU	ENR 2100
ENR 5451	3	SP	ENR 4000
ENR 5268	2	SP	
ENR 5273	3	SP	2 semesters of chemistry
ENR 5274	2	SP	ENR 3000 & 3001
ENR 5279	3	AU	
ENR 5560	2	AU	ENR 3800 & 4800
ENR 6610	2	SP	Grad only; permission of instructor; and ENR 3000, Chem 2310, or Biochem 4511

*If you took ENR 3700 before AU16, you must take an additional hour in Directed Electives, totaling 8-10 hours, to reach 27 hours in the specialization.

Additional courses may be used with faculty mentor approval.