

Sample Curriculum Plan - Environmental Science: Ecosystem Restoration - AU22 & Beyond

		Autumn		Spring	
		Course	Prerequisite	Course	Prerequisite
First Year		ENR 1100 (1) AU/SP		ENR 2300 (3) AU/SP	
		ENR 2100 (3) AU/SP/SU		GE Foundation (3)	
		CHEM 1210 (5) AU/SP/SU	C- or better in MATH 1130, 1131, 1148, 1150 or above, or Math placement L or M	CHEM 1220 (5) AU/SP/SU	CHEM 1210
		MATH 1151 (5) AU/SP/SU or MATH 1156 (5) AU	dependent on math placement	GE Foundation (3)	
		GenEd 1201 (1)			
Second Year		BIOLOGY 1113.01 (4) AU/SP/SU	MATH 1130, 1148, 1150 or above, or placement L or M; prereq/concur CHEM 1110, 1210 or above	BIOLOGY 1114.01 (4) AU/SP/SU	MATH 1130, 1148, 1150 or above, or placement L or M; prereq/concur CHEM 1110, 1210 or above
		CHEM 2310 (4) AU/SP	CHEM 1220, CHEM 1250	ENR 3300 (3) AU/SP/SU	ENR 2100
		ENR 3280 (2) AU/SP		ENR 3800 (2) SP	ENR 2100 or BIOLOGY 1114
		ENR 2367 (3) AU/SP	English 1110	ENR 3000 (3) AU/SP	
		ENR 3400 (3) AU or ENR 3500 (3) AU/SP	ENR 2300 or PSYCH 1100; ENR 2300 or RURLSOC 1500 or SOCIOL 1101	ENR 3001 (1) AU/SP	prereq or concur: ENR 3000
				GE Foundation (3)	
Third Year		ENR 4800 (2) AU	ENR 3800	ENR 3200 (3) AU/SP (Overlap with GE Sustainability Theme**)	ENR 2100 and 2300
		GE Foundation (3)		EEOB 3410 (4) AU/SP/SU	BIOLOGY 1114
		EARTHSC 1121 (3) AU/SP/SU & EARTHSC 1200 (1) AU/SP/SU	MATH 1075 or above	Physics 1200 (5) AU/SP/SU	C- or above in Math 1120 or 1148, or Math Placement Level M
		ENR 3700 (3) AU/SP		Specialization Course (2-3) AU/SP	*
		GE Citizenship for Diverse and Just World (4-6 Hours; 1 or 2 Courses)		ENR 2000 (3) AU/SP	
Fourth Year		GE Foundation (3)		ENR 4900 (3) AU/SP	To be taken in your final year
		Specialization Course (3) AU/SP	*	ENR 5560 (3) SP	ENR 3800 & 4800
		Specialization Course (2-4) AU/SP	*	Specialization Course AU/SP	*
		ENR 5279 (3) AU		Directed elective (0-4)	
		GE Theme of Choice (Recommend Overlap with Sustainability Theme**)(3)	*	Specialization Course (3) AU/SP	
			GenEd 4001 (1)		

*see other side

** if considering another theme, please meet with an advisor

PLEASE NOTE:
 Course offering dates, GE offerings, 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.

Degree total: 121 hours
 Revised: 9/7/22

Ecosystem Restoration - Options for Required Courses and Directed Electives

	Course	Credit Hours	Terms Offered	Pre-Reqs	
Ecosystem Science	Ecology of Terrestrial Ecosystems				
	EEOB 5470	3	odd yr SP	EEOB 3410	
	ENR 3322	3	AU	prereq/concur: ENR 2100, 2300, & 3321, or permission of instructor	
	ENR 5263	3	SP	ENR 3000	
	MICRBIO 5155	3	AU	MICRBIO 4000 or 4100	
	ENTMLGY/PLNTPH 5110	3	odd yr SP		
	ENR/ENVENG/FABENG 5310	4	SP	One course in Biology, Ecology, Engineering or Geology, & Jr. standing or above	
	HCS 2204 & 2205 (Previously 2201/HCS 2201E)	4	AU	honors standing for HCS 2201E	
	HCS 5422	3	AU	HCS 3100, 3200 or 3470, and BIOLOGY 1101 or 1113	
	HCS 5412	3	AU	HCS 2201, 2202, and BIOLOGY 1101 or 1113	
	HCS 5602	3	SP	ENR 3000, and 6 semester hrs of HCS at 3000-level or above	
	HCS 5730	3	SP	HCS 3420	
	Ecology of Aquatic and Wetland Ecosystems				
	EEOB 5420	4	AU/SU	EEOB 3410 or permission of instructor	
	ENR 4285	3	SP	CHEM 1210 and MATH 1151/1156	
ENR 5250.01	3	AU	EEOB 3410		
ENR 5250.02	1	AU	Prereq or concur: ENR 5250.01		
ENR 5280	4	AU/SP	ENR 3300		
Resource Management & Conservation	Ecosystem Management and Conservation				
	EEOB 2410	3	SP	1 course in life sciences, or permission of instructor	
	ENR 3335.01	2	AU		
	ENR 3335.02	1	AU	prereq or concur: ENR 3335.01	
	ENR 5340	3	AU	Sr. standing or permission of instructor	
	ENR 4342	3	SP	ENR 3300 or permission of instructor	
	ENR 5370	3	SP	ENR 3300 or permission of instructor	
	HCS 5422	3	AU	HCS 3100, 3200 or 3470, and BIOLOGY 1101 or 1113	
	AGSYSMT 2370	2	AU		
	Soil Resource Management and Conservation				
	ENR 5273	3	SP	2 semesters of chemistry	
	ENR 4260	3	SP	ENR 3000 or permission of instructor	
	ENR 5262	3	AU	One Semester of Chemistry, or Grad standing, or permission of instructor	
	ENR 5268	3	SP		
	ENR 5270	3	AU	ENR 3000 or permission of instructor	
	Plant Production for Restoration				
	HCS 3320	3	SP	HCS 2202	
	HCS 3420	3	AU	HCS 2201 or 2202, or permission of instructor	
HCS 3521	2	AU	HCS 2200, 2201, or 2202		
Field Monitoring & Assessment	ENR 5279	3	AU		
	EEOB 4430	2	SU/May	EEOB 3410	
	ENR 5260	3	SP (even years)	ENR 3000 & 3001, or permission of instructor	
	ENR 3323	3	SP	ENR 2000 or STAT 1450	
	ENR 4345	4	AU	ENR 2100, or permission of instructor	
	ENR 5362	3	SP (SP25 and after)	ENR 2000 or STAT 1450, and ENR 3300	
	EEOB 4950	2	SU Session 3	12 semester hrs in Biol. Sciences, GPA 2.5 or above & Jr standing or above; or permission of instructor	
Species Ecology, Identification & Recording	ENR 4610	3	SP		
	ENR 3321 OR EEOB 2210 OR HCS 2340 OR HCS 2202	3	AU SU/AU	4 sem hrs in Biological Sciences	
	ENR 5350.01 OR ENTMLGY 4000	3	SP AU	Prereq or concur: ENR 5280, or permission of instructor Biology 1114 or 1114H	
	ENR 5350.02	3	AU		
	ENR 5364.01	3	AU	ENR 3300 or permission of instructor	
	ENR 5364.02 OR ENR 2360 (Stone Lab) OR EEOB 2220	3	SP SU SP	ENR 3300 or permission of instructor None 4 semester credit hrs in Biological Sciences	
	PLNTPH 5040	3	AU	A course in biological sciences, or permission of instructor	
	PLNTPH 5041	1	AU	A course in biological sciences, or permission of instructor; concur: 5040	
	Ecosystem History & Environmental Change	ANTHROP 5614	3	AU	A course in ANTHROP or PLNTBIO 2000 or higher; or permission of instructor
		ANTHROP 5623	3		
ANTHROP 3350		3	AU	ANTHROP 2201 or permission of instructor	
GEOG 3900		3	AU/SP		
PHILOS 2342		3	AU		
Practical Exper in Restoration	ENR 4191	2	AU/SP/SU	Permission of instructor	
	ENR 4998 or ENR 4999 or ENR 4999H	1-3	AU/SP/SU	Permission of instructor	

Additional courses may be used with faculty mentor approval.