

Earth System Science: Environmental Dynamics Option Curriculum Map

Year 1:

Fall	Cr	Spring	Cr	Summer	Cr
ESS 108/108L	4	ESS 201/201L	3		
*MATH	3	CHEM 111/111L	3		
SCI 110	3	*MATH	3		
ENG 100	3	ENG 200 (for sciences)	3		
BIOL 155	3	Gen ed area studies	3		
MSU 101	1				
Total credit hours:	17	Total credit hours:	15	Total credit hours:	

Year 2:

Fall	Cr	Spring	Cr	Summer	Cr
ESS 262	3	ESS 300	3		
CHEM 112/112L	4	ESS 340	3		
CMSP 108	3	PHYS 201/201A	4		
2 Gen ed area studies	6	2 Gen ed area studies	6		
Total credit hours:	16	Total credit hours:	16	Total credit hours:	

Year 3:

Fall	Cr	Spring	Cr	Summer	Cr
ESS 350	3	ESS 325/325L	4	**ESS 499D	6
Env. Dynamics Elective	3	ESS 376	3		
PHYS 202/202A	4	2 Gen ed area studies	6		
2 Gen ed area studies	6	Elective	3		
Total credit hours:	16	Total credit hours:	16	Total credit hours:	6

Year 4:

Fall	Cr	Spring	Cr	Summer	Cr
SCI 498	2	SCI 499C	1		
GEO 351	3	Gen ed area studies	3		
ESS 440	3	Env. Dynamics Elective	3		
2 Electives	6	3 Electives	9		
Total credit hours:	14	Total credit hours:	16	Total credit hours:	

* The MATH sequence you take depends on your ACT math score and/or satisfactory completion of prerequisites (see MATH course descriptions in the Undergraduate Catalog). Choose from MATH 141, 152, 174, and 175. Students who plan to attend graduate school are *strongly* encouraged to take math through at least MATH 275.

** ESS 499D, Geology Field Camp, may be used for the capstone requirement in the geology option and *strongly* recommended for those who plan to attend graduate school. Otherwise, take SCI 498 and SCI 499C as shown for Year 4.