

## Earth System Science: Earth & Space Science Teaching 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	2 Gen ed area studies	6		
MSU 101	1				
<b>Total credit hours:</b>	<b>17</b>	<b>Total credit hours:</b>	<b>18</b>	<b>Total credit hours:</b>	

### Year 2:

Fall	Cr	Spring	Cr	Summer	Cr
EDF 207	3	EDF 211	3		
CMSP 108	3	3 Gen ed area studies	9		
ASTR 111	3	ESS 340	3		
ESS 303	3	ASTR 112	3		
PHYS 201/201A	4	***Apply to TEP			
<b>Total credit hours:</b>	<b>16</b>	<b>Total credit hours:</b>	<b>18</b>	<b>Total credit hours:</b>	

### Year 3:

Fall	Cr	Spring	Cr	Summer	Cr
EDF 311	3	EDSE 312	3		
ESS Elective	3	EDSP 230	2		
3 Gen ed area studies	9	ESS 325	3		
ESS 350	3	ESS Elective	3		
		Gen ed area studies	3		
<b>Total credit hours:</b>	<b>18</b>	<b>Total credit hours:</b>	<b>14</b>	<b>Total credit hours:</b>	

### Year 4:

Fall	Cr	Spring	Cr	Summer	Cr
EDSE 483	3	EDSE 416	12		
SCI 402	3	SCI 497C	2		
SCI 403	3				
ESS 440	3				
Gen ed area studies	3				
<b>Total credit hours:</b>	<b>15</b>	<b>Total credit hours:</b>	<b>14</b>	<b>Total credit hours:</b>	

\* 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.

\*\* We recommend and prefer CHEM 111/111L but you may take CHEM 101 **AND** CHEM 201 instead.

\*\*\* Apply for the Teacher Education Program (TEP) at the beginning of the second semester of your sophomore year. See details of the TEP in the College of Education section of the Undergraduate Catalog.