

EARTH SCIENCE

The Earth Science major is a broad program that typically emphasizes an interdisciplinary field. Programs leading to the bachelor of science may be individually designed but will include required courses in Geology and Meteorology, and required supporting work in chemistry, physics, and mathematics. Specific programs have been designed for students interested in a geology, meteorology, or an environmental earth science emphasis. Programs leading to the bachelor of arts for earth science teaching are available. The latter program must satisfy the requirements of the Teacher Education Program (<http://catalog.iastate.edu/previouscatalogs/2016-2017/collegeofhumansciences/schoolofeducation/#teachereducationtext>).

Earth Science, B.A.

Freshman

Fall	Credits Spring	Credits Summer	Credits
ENGL 150	3 GEOL 102	3 World Language if needed	8
LIB 160	1 GEOL 102L	1	
GEOL 100	3 CHEM 178	3	
GEOL 100L	1 CHEM 178L	1	
CHEM 177	4 ASTRO 120	3	
CHEM 177L	1 MTEOR 206	3	
MATH 151 or 160 or 165 or 181	3-4 HIST 222 or POL S 215 C I 219	3	
	16-17	18	8

Sophomore

Fall	Credits Spring	Credits
ENGL 250	3 GEOL 365	3
GEOL 315	3 GEOL 356	5
GEOL 315L	1 PHYS 112	5
GEOL 316	2 C I 202	3
PHYS 111	5 PSYCH 230 or HD FS 102	3
ASTRO 150	3 C I 280M	2
C I 204	3 **Apply to Teacher Education Program 1st week**	

Take PRAXIS-I by October 15

Fall	Credits Spring	Credits Summer	Credits
GEOL 368	4 ENGL 309 or 302 or 314 or JL MC 347	3 GEOL 302	6

C I 333	3 COMST 102 or SP CM 212 or SP CM 313 or THTHR 358	3
Humanities Choice ¹	3 C I 419	3
C I 347	3 C I 468K	2
C I 418	3 Humanities Choice	3
C I 468J	2 COM S 107 or STAT 101 or STAT 104	3
	18	17
		6

Senior

Fall	Credits Spring	Credits
C I 406	3 C I 417J	14
Humanities Choice	3	
Geology Choice	3	
Social Science/ Humanities Choice ¹	3	
SP ED 401	3	
Biology Choice ²	3	
Apply to Student Teach.		
	18	14

Total Credits: 156-157

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses.

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level in addition to the LAS world language and cultures requirement.

¹ Choice depends on whether American History (humanities) or American Government (Social Science) was chosen earlier.

² Choose from list of approved courses available from an adviser.

Earth Science, B.S.

Freshman

Fall	Credits Spring	Credits
ENGL 150	3 GEOL 102	3
GEOL 100	3 GEOL 102L	1
GEOL 100L	1 CHEM 178	3
CHEM 177	4 CHEM 178L	1
CHEM 177L	1 MATH 166 or 182	4

MATH 165 or 181	4 Arts-and- Humanities Choice	3	
LIB 160	1		
	17	15	
Sophomore			
Fall	Credits Spring	Credits	
ENGL 250	3 GEOL 365	3	
GEOL 315	3 Arts-and- Humanities Choice	3	
GEOL 315L	1 PHYS 112	5	
GEOL 316	2 STAT 101 or 104	3-4	
PHYS 111	5 MTEOR 206	3	
COM S 107	3		
	17	17-18	
Junior			
Fall	Credits Spring	Credits Summer	Credits
GEOL 479	3 GEOL 356	5 GEOL 302	6
GEOL 368	4 Foreign Language	3-4	
Agron/ Astronomy/ EnSci Choice ¹	3 Agron/ Astronomy/ EnSci Choice ¹	3	
Foreign Language	3-4 Social- Science Choice	3	
	13-14	14-15	6
Senior			
Fall	Credits Spring	Credits	
Agron/ Astronomy/ EnSci Choice ¹	2 Electives	9	
Arts-and- Humanities Choice	3 Arts-and- Humanities Choice	3	
Social Science Choice	3 Social- Science Choice	3	
ENGL 309 or 302 or 314 or JL MC 347	3		
Elective	3-4		
	14-15	15	
Total Credits: 128-132			

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level. At least 8 credits in the major from 300+ courses must earn grade C or better. The average grade of all courses in the major must be 2.0 or higher. You must also complete the LAS foreign language requirement.

¹ Choose from list of approved courses available from an adviser or departmental office.

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses.