

2009-2011

B.S. Degree in Earth Science

College of Liberal Arts and Sciences
Iowa State University

Semester 1	FRESHMAN YEAR		Semester 2
Critical Thinking and Communication - ENGL 150	3	History of the Earth - GEOL 102	3
The Earth - GEOL 100	3	History of the Earth Laboratory - GEOL 102L	1
The Earth Laboratory - GEOL 100L	1	General Chemistry - CHEM 178	3
General Chemistry - CHEM 177	4	Lab in General Chemistry - CHEM 178L	1
Lab in General Chemistry - CHEM 177L	1	Calculus II - MATH 166 or 182	4
Calculus I - MATH 165 or 181	4	Arts-and-Humanities Choice	3
Library Instruction - LIB 160	0.5		
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	16.5		15

Semester 3	SOPHOMORE YEAR		Semester 4
Written, Oral, Visual, and Electronic Composition - ENGL 250	3	Igneous and Metamorphic Petrology - GEOL 365	3
Mineralogy and Earth Materials - GEOL 311	5	Arts-and-Humanities Choice	3
General Physics - PHYS 111	4	General Physics - PHYS 112	4
Applied Computer Program. - COM S 107	3	Statistics (101 or 104)	3-4
		Intro to Meteorology - MTEOR 206	3
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	15		16-17

Semester 5	JUNIOR YEAR		Semester 6
Surficial Processes - GEOL 479	3	Structural Geology - GEOL 356	5
Stratigraphy & Sedimentation - 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
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	13-14		14-15

SUMMER SESSION

Summer Field Studies - GEOL 302 **6**

Semester 7	SENIOR YEAR		Semester 8
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
Communication-Proficiency Requirement - ENGL 302, 314 or JI MC 347	3		
Elective	3-4		
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	14-15		15

(over)

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.iastate.edu/~registrar/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

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 the departmental office.

09-11 Geology