

2009-2011

B.S. DEGREE in GEOLOGY
Environmental-Geology/Hydrogeology Option

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	History of the Earth Laboratory - GEOL 102L	1
The Earth - GEOL 100	3	General Chemistry - CHEM 178	3	Lab in General Chemistry- CHEM 178L	1
The Earth Laboratory - GEOL 100L	1	Calculus II - MATH 166 or 182	4	Social-Science Choice	3
General Chemistry - CHEM 177	4				
Lab in General Chemistry - CHEM 177L	1				
Calculus I - MATH 165 or 181	4				
Library Instruction - LIB 160	0.5				
	16.5				15
Semester 3		SOPHOMORE YEAR		Semester 4	
Written, Oral, Visual, and Electronic Composition - ENGL 250	3	Arts-and-Humanities Choice	3	Social-Science Choice	3
Mineralogy and Earth Materials - GEOL 311	5	General Physics - PHYS 112	4	Foreign Language/Elective	3-4
General Physics - PHYS 111	4				
Foreign Language/Elective	3-4				
	15-16				13-14
Semester 5		JUNIOR YEAR		Semester 6	
Hydrogeology – GEOL 411	4	Structural Geology – GEOL 356	5		
Stratigraphy & Sedimentation - GEOL 368	4	Arts-and-Humanities Choice	3		
Arts-and-Humanities Choice	3	Science/Engineering/Mathematics Choice ¹	3		
Surficial Processes - GEOL 479	3	Elective	3-4		
	14				14-15
SUMMER SESSION					
Summer Field Studies - GEOL 302	6				
Semester 7		SENIOR YEAR		Semester 8	
Geology Choice ¹	3	Elective	3		
Geology Choice (419 or 426 or elective) ¹	3	Geology Choice (434 or elective) ¹	3		
Science/Engineering/Mathematics Choice ¹	3	Arts-and-Humanities Choice	3		
Communication-Proficiency Requirement - ENGL 302, 314 or JI MC 347	3	Social-Science Choice	3		
	12	Elective	3		
					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.

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