

**Missouri State University - College of Natural and Applied Sciences**  
**Department of Geography, Geology, and Planning**

**Geology (comprehensive) Bachelor of Science Updated July 2009**

*This is a model four year graduation plan. Your path to graduation may vary slightly based on factors such as college credit you earned while in high school, your choice of general education electives, and placement in English and Mathematics. With careful course selection in consultation with your advisor, this program can be completed in four years even if the first course in the major (GLG 110) isn't taken until the third semester.*

This degree program can be completed in eight semesters plus one summer.

<b>First Semester (Fall)</b>	<b>Hrs</b>	<b>Second Semester (Spring)</b>	<b>Hrs</b>
IDS 110 Intro to Univ Life	1	COM 115 Public Speaking or ENG 110 Writing I	3
ENG 110 Writing I or COM 115 Public Speaking	3	PLS 101 American Democracy & Citizenship	3
CSC 111 (or CIS/CSC 101 (2)) Intro. Computing	3	MTH 138 Pre-Calculus Mathematics*	5
GLG 110 Principles of Geology	4	CHM 170 General Chemistry II	3
CHM 160 General Chemistry I	4	CHM 175 General Chemistry Laboratory	2
<b>Total Hours</b>	<b>15</b>	<b>Total Hours</b>	<b>16</b>
<b>Third Semester (Fall)</b>	<b>Hrs</b>	<b>Fourth Semester (Spring)</b>	<b>Hrs</b>
PED 100 Fitness for Living	2	HST 121 or 122 US History	3
MTH 261 (or MTH 287 (3)) Calculus I	5	MTH 280 (or MTH 288 (3)) Calculus II	5
GLG 314 Historical Geology	5	GLG 333 Petrology	4
GLG 332 Mineralogy	4	General Education - Self Understanding	3
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>15</b>
<b>Fifth Semester (Fall)</b>	<b>Hrs</b>	<b>Sixth Semester (Spring)</b>	<b>Hrs</b>
PHY 203 (or PHY 123 (4)) Physics I	5	PHY 204 (or PHY 124 (4)) Physics II	5
GLG 340 Structural Geology	4	GLG 415 Paleontology (or 3-hr GLG elective)	4
GRY 348 Geomorphology	3	GLG Elective	3
GRY 360 Aerial Photo Interpretation	3	General Education - Self Understanding	3
<b>Total Hours</b>	<b>15</b>	<b>Total Hours</b>	<b>15</b>
<b>Summer Before Senior Year</b>		<b>Hrs</b>	
GLG 413 Field Geology		6	
<b>Total Hours</b>		<b>6</b>	
<b>Seventh Semester (Fall)</b>	<b>Hrs</b>	<b>Eighth Semester (Spring)</b>	<b>Hrs</b>
GLG 570 Stratigraphy	4	GLG 472 or 590 Geohydrology or Geophysics	3
GLG 358 Writing II: Rpt. Geol. Information	3	GLG Elective (or GLG 415 (4))	3
GLG Elective	3	General Education - Self Understanding	3
General Education - Culture & Society	3	General Education - Culture & Society	3
		General Elective	2
<b>Total Hours</b>	<b>13</b>	<b>Total Hours</b>	<b>14</b>

GPA Requirements: 2.00 in major and 2.00 overall

\* Pre-requisite for MTH 261. If your high-school mathematics background allows you to place into MTH 261, this 5-hour course can be replaced by five hours of general electives.

**Disclaimer:** This model is based on courses offered in Spring 2009 and planned for Fall 2009. Degree requirements and course scheduling are subject to change. The only official source for the requirements for this degree is the current edition of the Missouri State University Undergraduate Catalog.