

# B.S. in GEOLOGY

Name \_\_\_\_\_ ID# \_\_\_\_\_

Advisor \_\_\_\_\_

## CORE: 62 HOURS

Area A (9 hrs)	Hrs	Term	Grade
ENGL 1101 Composition I (min grade C)	3		
ENGL 1102 Composition II (min grade C)	3		
MATH 1113 Precalculus	3		

Area B (4 hrs min)	Hrs	Term	Grade
CIS 1000	2		
COMM 1110	3		
ENGL 2200	3		
SOCI 2295	2		
SOSC 1000, SOSC 1101, GEOG 1101	2/3		
THEA 1110	3		
WMST 2001	3		
Foreign Language (2000 or higher)	3		

Area C (6 hrs)	Hrs	Term	Grade
ENGL 2110 or ENGL 2120 or ENGL 2130	3		
<b>Select one:</b>	3		
ARTC 1100, MUSC 1100, or THEA 1100			

Area D (12 hrs) <u>Area D Lists</u>	Hrs	Term	Grade
*Lab Science I	4		
*Lab Science II	4		
MATH 1120 Calculus I	4		

Area E (12 hrs)	Hrs	Term	Grade
POLS 1101 American Government	3		
HIST 1111 or 1112 World Civilization I or II	3		
HIST 2111 or 2112 US History I or II	3		
<b>Select one:</b>	3		
ECON 2105, SOCI 1101, HIST 1111 or 1112, PSYC 1101 or ANTH 1102			

Area F (19 hrs)	Hrs	Term	Grade
ENGL 2200 or Foreign Language	3		
CHEM 1211/1211L Prin Chem I w/Lab	4		
CHEM 1212/1212L Prin Chem II w/Lab	4		
<b>Select one lab science sequence:</b>	8		
PHYS 1111/1112 Introductory Physics I/II PHYS 2111/2112 Principles of Physics I/II			

Physical Education (4 hrs)	Hrs	Term	Grade
PEDS 1010 Lifetime Fitness	1		
PEDS 2000 CPR/First Aid	2		
PEDS _____ (Activity)	1		
<b>(Activity must be swimming if swimming test not passed)</b>			

Additional Requirements	
UNIV 1000 _____	
GA HISTORY _____	US HISTORY _____
GA CONSTITUTION _____	US CONSTITUTION _____
REGENT'S READING _____	REGENT'S WRITING _____
GEOGRAPHY _____	SWIMMING _____

## MAJOR/ELECTIVE REQUIREMENTS: 58 HOURS

*Required Courses (31 hrs)	Hrs	Term	Grade
GEOL 3111 Environmental Geology	4		
GEOL 3121 Mineralogy	4		
GEOL 3131 Optical Mineralogy	2		
GEOL 3211 Invertebrate Paleobiology	4		
GEOL 3511 Structural Geology	4		
GEOL 4311 Sedimentary Petrology	2		
GEOL 4411 Stratigraphy	4		
GEOL 4711 Igneous Petrology	4		
GEOL 4911 Senior Seminar	1		
GEOL 4941 Senior Thesis I	1		
GEOL 4942 Senior Thesis II	1		

**Math/Science (15 hrs min)	Hrs	Term	Grade
Math/Science Elective	3/4		
<b>Select at least 12 hrs:</b>			
GEOL 3311 Oceanography	4		
GEOL 3411 Intro to Geomorphology	4		
GEOL 4211 Hydrogeology	4		
GEOL 4212 Aqueous Env Geochem	4		
GEOL 4511 Remote Sensing	4		
GEOL 4611 Geographic Info Systems	4		
GEOL 4811 Intro to Geophysics	4		
GEOL 4821 Environmental Geophysics	4		
GEOL 4921 Geotectonics	4		
GEOL 4931 Field Methods	4		

*Free Electives to total 120 hrs	Hrs	Term	Grade
Free Elective	3		
Free Elective	3		
Free Elective	3		
Free Elective	3		

**ADDITIONAL REQUIREMENTS:**  
 Minimum grade of "C" required in **Area F** and all major classes.  
**\*\*Must be advisor-approved courses.**

**UNIVERSITY REQUIREMENTS**  
 A minimum of 120 semester hours must be completed for graduation.  
 39 semester hours must be upper division work at the 3000-4000 level.  
 Students entering prior to fall 2002 are required to pass a test of geographic knowledge or to earn a passing grade in one of the following courses: SOSC 1000, SOSC 1101, GEOG 1101, GEOG 4550, POLS 4550.  
 Students entering fall 2002 or later do not have to meet this requirement.