

CURRICULUM CHECKLIST FOR BACHELOR OF SCIENCE WITH MAJOR IN GEOLOGY

MAJOR: GEOLOGY
 DEPARTMENT: GEOLOGY & GEOGRAPHY
 ALLEN E. PAULSON COLLEGE OF SCIENCE AND TECHNOLOGY
 GEORGIA SOUTHERN UNIVERSITY

Name: _____
 EagleID: _____
 Phone: _____ Email: _____

AREA A: Essential Skills (9 hours)		
Course & Number	Hrs	Gr
ENGL 1101 - English Comp I	3	
ENGL 1102 - English Comp II	3	
MATH 1112 or 1113*	3	

*if MATH 113 taken, 1 credit counts toward electives

AREA B: Institutional Options (4 hours)		
Course & Number	Hrs	Gr
HIST 1112- World History II	3	
IDS 2210 - Turning Points and Connections	1	

AREA C: Humanities and Fine Arts (6 hours)		
Course & Number	Hrs	Gr
ENGL 2111 - World Literature I or ENGL 2112 - World Literature II	3	
Elective: Art, Music, Philosophy, Theatre Public Speaking, Religion, Myth, Classicism	3	

or

HUMN 2321 - Humanities I	3	
HUMN 2322 - Humanities II	3	

AREA D Science, Math, Technology (11 hours)		
Course & Number	Hrs	Gr
Traditional Lab Science (GEOL 1121/1110 recommended)	4	
Environmental Science Course w/Lab BIOL, CHEM, GEOL, PHYS	4	
Elective (GEOL 1122 recommended) See list for Area D3 in schedule of classes	3	

*Only two courses from same discipline may be taken in Area D

AREA E: Social Science (12 hours)		
Course & Number	Hrs	Gr
HIST 2110 - The United States: A Survey	3	
POLS 1101 - American Government	3	
ECON 2105 - Economics in a Global Society	3	
Elective: ANTH, PSYC, SOCI, GEOG	3	

Additional Required Course Work (6 hours)		
Course & Number	Hrs	Gr
FYE 1220 - First Year Seminar	2	
HLTH 1520 - Healthful Living	2	
Physical Activities (KINS)	1	
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AREA F: Courses Appropriate for the Major (18 hours)		
Course & Number	Hrs	Gr
*GEOL 1121/1110 - Intro to the Earth w/Lab	4	
*GEOL 1122 - General Historical Geology	4	
CHEM 1145 - Principles of Chemistry I	4	
CHEM 1146 - Principles of Chemistry II	4	
MATH 1441 - Calculus I	4	
MATH 2242 - Calculus II	4	
PHYS 1111/1113 - Intro to Physics I w/Lab	4	
PHYS 1112/1114 - Intro to Physics II w/Lab	4	
BIOL 1130/1110 - General Biology w/Lab	4	

* if not taken in appropriate area of core

If not taken previously in Area F, the following Specific Requirements are needed (16 hours)		
Course & Number	Hrs	Gr
MATH 2242 - Calculus II	4	
PHYS 1111/1113 - Intro to Physics I w/Lab	4	
PHYS 1112/1114 - Intro to Physics II w/Lab	4	
BIOL 1130/1110 - General Biology w/Lab	4	

Students must complete Chem I & II, Calc I & II, Phys I & II, & Gen Biol with lab.

Required Courses (29 hours)		
Course & Number	Hrs	Gr
GEOL 3520 - Field Methods	2	
GEOL 3541 - Mineralogy	4	
GEOL 3542 - Petrology and Petrography	4	
GEOL 4120 - Introduction to Research	2	
GEOL 5142 - Stratigraphy and Sedimentation	4	
GEOL 5440 - Structural Geology	4	
GEOL 4820 - Senior Thesis Research	2	
GEOL 4610 - Senior Seminar	1	
Guided Elective (Approved Geology Field Course)	6	

Foreign Language (0-3 hrs)		
Course & Number	Hrs	Gr
*FORL 1001 - Foreign Language Level 1	3	
#FORL 1002 - Foreign Language Level 2	3	
FORL 2001 - Foreign Language Level 3	3	

* A student cannot receive credit for this course if the chosen language is the same as the High School CPC lang.

Elective credit

Additional Electives* (12-15 hours)		
Course & Number	Hrs	Gr

* Necessary to meet 126 hr requirement. At least 3 hr. must be outside Geology