

NAME: _____

ID# _____

IN EFFECT FALL 2021

B.S. in GEOLOGY CURRICULUM (GEOL)

FRESHMAN YEAR

ENGL 1100 English Comp I..... 3	ENGL 1120 English Comp II.....3
GEOL 1100 Dynamic Earth..... 4	GEOL 1110 Earth & Life -- Time.....4
CHEM 1030 Fundamentals of Chem I 3	CHEM 1040 Fundamentals of Chem II.....3
CHEM 1031 Chem Lab 1	CHEM 1041 Chem Lab.....1
Core History I 3	Core History II.....3
14	14

SOPHOMORE YEAR

BIOL 1020 Principles of Biology 3	BIOL 1030 Organismal Biology3
BIOL 1021 Principles of Biology Lab..... 1	BIOL 1031 Organismal Biology Lab1
GEOL 2010 Min & Opt Cryst 5	GEOL 2050 Ign & Met Petrol4
MATH 1610 Calculus I 4	MATH 1620 Calculus II.....4
GEOL 2000 Prof. Development 1	Free Electives4
14	16

JUNIOR YEAR

PHYS 1500 Physics I 4	PHYS 1510 Physics II4
GEOL 3200 Intro to Paleobiology 3	GEOL 3400 Structural Geology4
TECHNICAL ELECTIVE ¹ 3	CORE SOCIAL SCIENCE ²3
GEOL Elective¹ 3	GEOL Elective¹3
CORE FINE ARTS..... 3	
16	14

SUMMER TERM

GEOL 3650 Field Camp..... 6

SENIOR YEAR

GEOL 4010 Sed. Petrol. 3	GEOL 4110 Stratigraphy.....3
GEOL Elective¹ 3	GEOL Elective¹3
GEOG 5830 GIS 4	CORE HUMANITIES3
GEOG/GEOL 4740 Senior Seminar 2	CORE SOCIAL SCIENCE.....3
CORE LITERATURE I 3	CORE LITERATURE II3
	UNIV 4AA0 SM1 Creed to Succeed.....0
15	15

TOTAL HOURS 124

Long range schedules for COSAM courses are online at <http://aub.ie/cosamlrs>
Courses in **BOLD** will be used to calculate GPA in major.

Options for courses labeled CORE are in the AU Bulletin (www.auburn.edu/bulletin) under Core Curriculum.

¹ Approved Technical and Geology electives are on the back of this sheet.

² GEOG 1010 Global Geography is suggested for majors (as one of their Core Social Science requirements)

Geology Electives: 12 hours required. Geology electives may be selected from the following courses with NO MORE THAN 3 hours coming from the unspecified group (4930 and 4980)

GEOL Electives:

GEOL 3060 (3)	Lunar and Planetary Geology
GEOL 4210 (3)	Economic Geology
GEOL 4260 (3)	Geochemistry
GEOL 5060 (4)	Introduction to Micropaleontology
GEOL 5100 (3)	Hydrogeology
GEOL 5220 (3)	Geomorphology (also cross-listed as GEOG 5220)
GEOL 5300 (3)	Basin Analysis
GEOL 5440 (3)	Electron Microprobe Analysis
GEOL 5500 (3)	Petroleum Geology
GEOL 5600 (4)	Applied Geophysics
GEOL 5840 (3)	Climate Change and Society

No more than 3 hours total can count towards your 12 hours of GEOL electives from the following:

GEOL 4930 (1-3)	Various Directed Study (no more than 3 hours)
GEOL 4980 (1-3)	Undergraduate Research (no more than 3 hours)

Technical Electives: The following courses are approved. Other courses may be permitted with prior approval of the GEOL academic advisor. Students must meet with their Geology academic advisor and have technical electives approved in advance. An approval form must be on file in the Dean's office in order to be cleared for graduation.

AGRN 3040, 3100, 5000, 5080, 5150, 5300
ANTH any 2000+ course
BIOL 2015, 2415, 2420, 2425, 3030, 3060, 3075, 3200, 4010, 4020
CIVL 2010, 3210, 3310, 3120, 4210, 4310, 5330, 5340
CHEM 2070, 3050, 3200, any 3000-5000 course
COMP 2200, 2210, any 2000-3000 course
GEOG any 3000-5000 course
MATH any 2000-5000 course
MECH any 3000-5000 course
PHYS any 2000-5000 course
STAT any 2000-5000 course