

Date:

Checklist for BS in Geology

Tr	UH	<u>GEOL 320 (49 Hours):</u>	
		GEOL 1103	Physical Geology Lab
		GEOL 1303	Physical Geology
		GEOL 3430	Paleobiology Fall
		GEOL 3340	Field Methods Spring
		GEOL 3445	Structural Geology Spring
		GEOL 3450	Stratigraphy Fall
		GEOL 3355	Field Camp Summer
		GEOL 3360	Field Camp Summer
		GEOL 3370	Mineralogy Fall
		GEOL 3372	Petrography Spring
		GEOL 3373	Igneous & Metamorphic Petrogenesis Fall
		GEOL 3320	Intro to Geophysics Fall, Spring
		GEOL 3__	3 hours Any Level Geoscience Elective*
		GEOL 3__	3 hours Advanced Geoscience Elective*
		GEOL 3__	3 hours Advanced Geoscience Elective*
		GEOL 3__	3 hours Advanced Geoscience Elective*

CHEMISTRY (8 Hours):	
	CHEM 1111 Fundamentals of Chemistry Lab I
	CHEM 1311 Fundamentals of Chemistry I
	CHEM 1112 Fundamentals of Chemistry Lab II
	CHEM 1312 Fundamentals of Chemistry II

		PHYSICS (8 Hours):
		PHYS 2125 University Physics Lab I
		PHYS 2325 University Physics I
		PHYS 2126 University Physics Lab II
		PHYS 2326 University Physics II

		MATHEMATICS (12 Hours):
		MATH 2413 Calculus I
		MATH 2414 Calculus II
		MATH 2415 Calculus II

CORE (Check UH Catalog or UH Core Website for Pre-Requisites)

Tr	UH	COMMUNICATION (6 Hours):
		ENGL 1301 First Year Writing I
		ENGL 1302 First Year Writing II

			STATE REQUIREMENTS (12 Hours):
			American History (3 Hours)
			American History (3 Hours)
			GOVT 2305 U.S. Government: Congress, President, and Court
			GOVT 2306 U.S. and Texas Constitutions and Politics

FROM APPROVED CORE LIST (12 Hours): Choose from UH Core Website		
		Creative Arts (3 Hours)
		Lang., Phil. & Culture (3 Hours)
		Social & Behavioral Science (3 Hours)
		Writing in the Disciplines (3 Hours)

(Check Catalog for Pre-Requisites)

GEOL 1302 Intro to Global Climate Change

GEOL 1304 Historical Geology

GEOL 1345 Intro to Oceanography

GEOL 1347 Intro to Meteorology

GEOL 1370 Natural Disasters

GEOL 3322 Python Programming for Earth Scientists

GEOL 3332 Geology of U.S. National Parks

GEOL 3334 Earthquakes

GEOL 3338 Environmental Hydrogeology

GEOL 3344 Paleoclimatology

GEOL 3357 Soils

GEOL 3365 Exploring the Planets

GEOL 3374 Sedimentary Petrogeology

GEOL 3377 Oceanography

GEOL 3383 Remote Sensing

GEOL 4331 Geospatial Analysis & Applications

GEOL 4337 Physical Volcanology

GEOL 4350 Geomorphology

GEOL 4358 Introduction to Depositional Models

GEOL 4365 Environmental Geochemistry

GEOL 4382 Introduction to Petroleum Geology

GEOL 4397 Selected Topics in Geology/Geophysics (by consent of advisor)

(Additional hours to complete a total of **120 hours**, including at least **36 advanced hours**)

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NSM CAPSTONE:

By virtue of the Geology Field Camp (GEOL 3355, 3360), students who complete the requirements for the B.S. degree in Geology have satisfied the NSM Capstone.

RULES YOU NEED TO KNOW:

1. MINIMUM of a **2.00 GPA** in cumulative, major, and minor GPA to graduate
2. **C- RULE:** MAXIMUM of **6 hours of grades below C-** allowed in UH GEOL courses
3. **PRE-REQ RULE:** Must earn **C- or better** in pre-requisite for GEOL courses
4. See **Residency Rule** here: <https://publications.uh.edu/content.php?catoid=56&navid=21157>
5. MAXIMUM of **6 W's** allowed during entire undergraduate career
6. MINIMUM of **36 advanced hours** and **120 total hours** to graduate
7. MAXIMUM of **66 lower level transfer hours** may be applied towards UH degree

Advisor: _____