

Name:

Date:

PeopleSoft ID:

Checklist for BS in Geophysics

Tr	UH	GEOLOGY (7 Hours):
		GEOL 1103 Physical Geology Lab
		GEOL 1303 Physical Geology
		GEOL 3340 Field Methods

Tr	UH	GEOPHYSICS (9 Hours):
		GEOL 3320 Principles of Geophysics
		GEOL 4355 Geophysical Field Camp
		GEOL 4381 Geophysical Signals & Analysis

Tr	UH	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

Tr	UH	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

Tr	UH	MATHEMATICS (15 Hours):
		MATH 2413 Calculus I
		MATH 2414 Calculus II
		MATH 2415 Calculus III
		MATH 3321 Engineering Mathematics

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

Tr	UH	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

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

Tr	UH	GROUP 1 ADVANCED GEOPHYSICS ELECTIVES (Choose at least 15 hours from):
		GEOL 3334 Earthquakes
		GEOL 3383 Remote Sensing
		GEOL 4331 Geospatial Analysis & Applications
		GEOL 4332 Applications of GPS & LIDAR
		GEOL 4370 Global Seismology
		GEOL 4371 Electromagnetic Methods for Energy, Groundwater, & Environmental Applications
		GEOL 4378 Data Analytics & Machine Learning for Geoscientists
		GEOL 4379 Groundwater & Engineering Geophysics
		GEOL 4383 Elements of Reservoir Geophysics
		GEOL 4385 Intro to Marine Geophysics

Tr	UH	GROUP 2 SUPPLEMENTAL ADVANCED ELECTIVES (At least 18 hours of any 3000 or 4000 level GEOL/MATH/PHYS/COSC/PETR/CIVE/ECE/MECE course)

NSM CAPSTONE:

By virtue of the Geophysics Field Camp & Geophysical Signals & Analysis (GEOL 4355, 4381), students who complete the requirements for the B.S. degree in Geophysics have satisfied the NSM capstone.

FREE ELECTIVES

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

Tr	UH

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 major courses
3.	LAST 30 hours must be exclusively completed at UH
4.	MAXIMUM of 6 W's allowed during entire undergraduate career
5.	MINIMUM of 36 advanced hours and 120 total hours to graduate
6.	MAXIMUM of 66 lower level transfer hours may be applied towards UH degree
7.	At 60 hours, must request a Major Degree Plan *REQUIRED TO GRADUATE*

Advisor:

AC 2.8.2024