

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

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 (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

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 Sciences (3 Hours)
			Writing in the Disciplines (3 Hours)

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

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)

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: