

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

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		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

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

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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&navoid=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: _____