Name:

Date:

PeopleSoftID:

Checklist for BS in Geophysics

Tr	UH	GEOLOGY / GEOPHYSICS (48 Hours):	
		GEOL 1103 Physical Geology Lab	
		GEOL 1303 Physical Geology	
		GEOL 3145 Structural Geology Lab	
		GEOL 3150 Stratigraphy Lab	
		GEOL 3340 Field Methods	
		GEOL 3345 Structural Geology	
		GEOL 3350 Stratigraphy	
		GEOL 3370 Mineralogy	
		GEOL 3372 Petrography	
		GEOL 4330 Introduction to Geophysics	
		GEOL 4355 Geophysics Field Camp	
		GEOL 4370 Exploration and Global Seismology	
		GEOL 4381 Geophysical Signals and Analysis	
		GEOL 33 hours Advanced Approved Geophysics Electives*	
		GEOL33 hours Advanced Approved Geophysics Electives*	
		GEOL 33 hours Advanced Approved Geophysics Electives*	
		GEOL33 hours Advanced Approved Geophysics Electives*	
		GEOL33 hours Advanced Approved ***GEOSCIENCE Elective*	**
		***GEOLOGY OR GEOPHYSICS ELEC	CTIVE

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
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PHYSICS (8 Hours):

	PH
	PH
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	PH

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HYS 2125 University Physics Lab I HYS 2325 University Physics I HYS 2126 University Physics Lab II

- HYS 2326 University Physics II
- MATHEMATICS (21 Hours):

	MATH 2413	Calculus I
	MATH 2414	Calculus II
	MATH 2415	Calculus III
	MATH 3321	Engineering Math
	MATH 3363	Partial Differential Equations
	MATH 3364	Complex Analysis Fall
	MATH 43XX	4000-level elective for optional Math Minor

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

UH **COMMUNICATION (6 Hours):**

ENGL 1301 First Year Writing I ENGL 1302 First Year Writing II

STATE REQUIREMENTS (12 Hours):

OTATE REGORGEMENTO (TE Hours).		
		American History (3 Hours)
		American History (3 Hours)
		GOVT 2305 U.S. Government: Congress, President, a
		GOVT 2306 U.S. and Texas Constitutions and Politics

*EXAMPLES OF ADVANCED APPROVED GEOPHYSICS ELECTIVES

(Check Catalog for Pre-Requisites)

- GEOL 3383 Remote Sensing
- GEOL 4332 Applications of GPS & LIDAR GEOL 4378 Data Analytics & Machine Learning for Geoscientists
- GEOL 4379 Groundwater & Engineering Geophysics
- GEOL 4380 Petroleum Seismic Exploration
- GEOL 4383 Elements of Reservoir Geophysics
- GEOL 4385 Introduction to Marine Geophysics

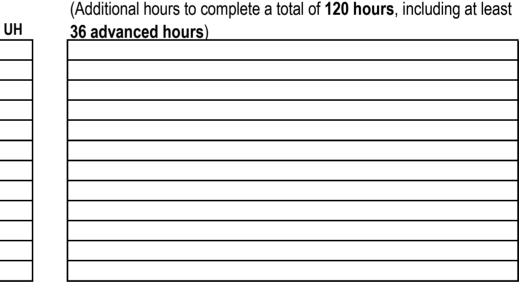
**EXAMPLES OF ADVANCED APPROVED GEOLOGY ELECTIVES

(Check Catalog for Pre-Requisites) GEOL 3331 Environmental Geology GEOL 3332 Geology of U.S. National Parks GEOL 3334 Earthquakes GEOL 3338 Environmental Hydrogeology GEOL 3357 Soils GEOL 3377 Oceanography GEOL 4331 Geospatial Analysis & Applications GEOL 4337 Physical Volcanology GEOL 4358 Introduction to Depositional Models GEOL 4365 Environmental Geochemistry GEOL 4382 Introduction to Petroleum Geology GEOL 4397 Selected Topics in Geology/Geophysics (Consent of Faculty Advisor)

NSM CAPSTONE:

By virtue of the Geophysics Field Camp and 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



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FROM APPROVED CORE LIST (12 Hours): Choose from UH Core Website		
		Creative Arts (3 Hours)
		Language, Philosophy & Culture (3 Hours)
		Social & Behavioral Science (3 Hours)
		Writing in the Disciplines (3 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 GEOL courses 3. PRE-REQ RULE: Must earn C- or better in pre-requisite for GEOL courses 4. LAST 30 hours must be exclusively completed at UH 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: