

Name:

Date:

PeopleSoft ID:

Checklist for BS in Environmental Sciences

(The semester or frequency courses are expected to be offered are approximate and not final until the course schedule for that semester is made available.)

Tr	UH	GEOLOGY (8 Hours):
		GEOL 1103 Physical Geology Lab
		GEOL 1303 Physical Geology
		GEOL 1102 & 1302 -OR- GEOL 1147 & 1347
		GEOL 1102 Intro to Climate Change Lab
		GEOL 1302 Intro to Global Climate Change
		GEOL 1147 Intro to Meteorology Lab
		GEOL 1347 Intro to Meteorology

Tr	UH	BIOLOGY (8 Hours):
		BIOL 1106 Biology for Science Majors I Lab
		BIOL 1306 Biology for Science Majors I
		BIOL 1107 Biology for Science Majors II Lab
		BIOL 1307 Biology for Science Majors II

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 3339 Statistics for the Sciences

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)

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 PHYS courses
3. **PRE-REQ RULE:** Must earn **C- or better** in pre-requisite for PHYS 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

*CHOOSE ONE OPTION FROM:

Tr	UH	*OPTION A : ENVIRONMENTAL GEOSCIENCES:
		GEOL 3340 Geologic Field Methods Spring
		GEOL 3370 Mineralogy Fall
		GROUP 1 ELECTIVES (Choose at least 15 hours from):
		GEOL 3338 Environmental Hydrogeology (offered every other year)
		GEOL 3357 Soils (no longer offered)
		GEOL 4331 Geospatial Analysis and Applications
		GEOL 4334 Environmental Data Analysis (offered every other year)
		GEOL 4350 Geomorphology
		GEOL 4365 Environmental Geochemistry (offered every other year)
		GEOL 4367 Geochemical Reaction Modeling (offered every other year)

Tr	UH	*OPTION B : ATMOSPHERIC SCIENCE:
		GEOL 3342 Principles of Air Pollution Spring
		GEOL 3378 Principles of Atmospheric Science Fall
		GROUP 1 ELECTIVES (Choose at least 15 hours from):
		GEOL 3380 Physical Meteorology (offered every other year)
		GEOL 3382 Atmospheric Chemistry (offered every other year)
		GEOL 4333 Mesoscale Meteorology (offered every other year)
		GEOL 4334 Environmental Data Analysis (offered every 3rd or 4th semester)
		GEOL 4335 Numerical Modeling in Atmospheric Sciences
		GEOL 4336 Atmospheric Radiation (offered every other year)
		GEOL 4340 Aerosols and Climate (offered every other year)
		GEOL 4341 Dynamic Meteorology (offered every other year)
		GEOL 4346 Air Pollution Meteorology (offered every other year)

**GROUP 2 ELECTIVES (At least 18 hours from APPROVED LIST)

NSM CAPSTONE (Minimum 6 Advanced Hours):

Must choose from one of the following:	☐ Minor	☐ Senior Research Project
	☐ Double Major	☐ Senior Honors Thesis
	☐ Double Degree	☐ teachHouston

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FREE ELECTIVES

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

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Advisor: _____