

Name: _____ Date: _____

PeopleSoft ID: _____

Checklist for BS in Atmospheric Science

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

Tr	UH	GEOLOGY (12 Hours):
		GEOL 1103 Physical Geology Lab
		GEOL 1303 Physical Geology
		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

		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

		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 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)

Tr	UH	ATMOSPHERIC SCIENCE:
		GEOL 3342 Principles of Air Pollution Spring
		GEOL 3378 Principles of Atmospheric Science Fall
		GROUP 1 ELECTIVES (Choose at least 18 hours from):
		GEOL 3380 Physical Meteorology (offered every other year)
		GEOL 3381 Micrometeorology (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 (offered every other year)
		GEOL 4336 Atmospheric Radiation (offered every other year)
		GEOL 4341 Dynamic Meteorology (offered every other year)
		GEOL 4346 Air Pollution Meteorology (offered every other year)
		GEOL 4348 Remote Sensing for Atmospheric Science (offered every other year)

		**GROUP 2 ELECTIVES (At least 12 hours from APPROVED LIST)

Must choose from one of the following:	<input type="checkbox"/> Minor	<input type="checkbox"/> Senior Research Project
	<input type="checkbox"/> Double Major	<input type="checkbox"/> Senior Honors Thesis
	<input type="checkbox"/> Double Degree	<input type="checkbox"/> teachHouston

Tr	UH	

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

Advisor: _____

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