



Bachelor of Science in Physical Sciences (Geosciences Concentration) (120 hours)

This table shows a sample recommended course sequence for this degree based on the **UHD 2026-27 Undergraduate Catalog**. Students should verify degree requirements and registration plans with an advisor to ensure accuracy. Please note that some degrees and colleges have specific GPA and other requirements. Courses with asterisks (*) indicate Common Core courses.

First Year (Freshman 0-29 hrs)

Semester 1	Hours	Grade	TCCNS	ACGM	Semester 2	Hours	Grade	TCCNS	ACGM
ENG 1301*	3		ENGL 1301	Composition I	ENG 1302*	3		ENGL 1302	Composition II
MATH 2401	4		MATH 2413	Calculus I	GEOL 1306/1106 (Historical Geology)	4		GEOL 1304/1104	Historical Geology w/ Lab
GEOL 1305/1105 (Physical Geology)	4		GEOL 1303/1103	Physical Geology w/ Lab	POLS 2305*	3		GOVT 2305	Federal Government
UHD 1303* (Freshman Seminar*)	3				Language, Philosophy, & Culture*	3			
Total Hours	14				Total Hours	13			

Second Year (Sophomore 30-59 hrs)

Semester 1	Hours	Grade	TCCNS	ACGM	Semester 2	Hours	Grade	TCCNS	ACGM
CS 1411 (Intro to CS w/ Python)	4				CHEM 1308/1108*	4		CHEM 1312/1112	General Chemistry II w/ Lab
CHEM 1307/1107*	4		CHEM 1311/	General Chemistry I w/	Oral* Communicati	3			
POLS 2306*	3		GOVT 2306	Texas Government	Social and Behavioral Sciences Course*	3			
GEOL 2301/2101 (Mineralogy w/ Lab)	4				PHYS 1307/1107	4		PHYS 1301/1101	Physics w/ Lab
Total Hours	15				Total Hyours	14			

Third Year (Junior 60-89 hrs)

Semester 1	Hours	Grade	TCCNS	ACGM	Semester 2	Hours	Grade	TCCNS	ACGM
Creative Arts Course*	3				GEOL 3305/3105 (Petrology w/	4			

GEOL 3312/3112 (Structural Geology w/ Lab)	4				American History Course*	3			
PHYS 1308/1108	4		PHYS 1302/ 1102	College Physics II w/ Lab	Geoscience Elective	3			
GEOL 3302/3102 (Sedimentology & Stratigraphy w/ Lab)	4				Upper Level Science Elective	3			
					Upper Level Elective	3			
Total Hours	15				Total Hours	16			

Fourth Year (Senior 90-120 hrs)

Semester 1	Hours	Grade	TCCNS	ACGM	Semester 2	Hours	Grade	TCCNS	ACGM
American History Course*	3				Upper Level Science Elective	3			
Geoscience Elective	4				Upper Level Science Elective	3			
Upper Level Science Elective	3				Upper Level Elective	4			
Upper Level Elective	3				Upper Level Elective	3			
Free Electives (if needed)	3				Free Electives (if needed)	4			
Total Hours	16				Total Hours	17			