

Bachelor of Science, Teaching & Learning Science Grades 4th - 8th College of Education

I. CORE REQUIREMENTS (42 hours)*

Course Name	Hours	TCCNS	UH
Communication (6 hours)			
English Composition I	3	ENGL 1301	ENGL 1301
English Composition II	3	ENGL 1302	ENGL 1302
Mathematics (6 hours)			
College Algebra♦	3	MATH 1314	MATH 1314
Mathematics for Teachers I♦	3	MATH 1350	CUIN 1350
Life & Physical Sciences (6 hours)			
Biology for Non-Science Majors I♦ OR Biology for Non-Science Majors II♦	3	BIOL 1308 or 1408 OR BIOL 1309 or 1409	BIOL 1308 OR BIOL 1309
Biology for Science Majors II♦	3	BIOL 1307 or 1407	BIOL 1307
Creative Arts (3 hours)			
Choose one course from your current college's core approved list.			
Language, Philosophy, & Culture (3 hours)			
Choose one course from your current college's core approved list.			
Social & Behavioral Sciences (3 hours)			
Choose one course from your current college's core approved list.			
American History (6 Hours)			
United States History I♦	3	HIST 1301	HIST 1301
United States History II♦	3	HIST 1302	HIST 1302
Government/Political Sciences (6 hours)			
Federal Government	3	GOVT 2305	GOVT 2305
Texas Government	3	GOVT 2306	GOVT 2306
Writing in the Disciplines (3 hours, UH Component Area Option)			
Choose one course from your current college's core approved Component Area Option list.			

II. MAJOR REQUIREMENTS (30 hours)*

Course Name	Hours	TCCNS	UH
Stars and Galaxies OR Solar System	3	ASTR 1303 or 1403 OR ASTR 1304 or 1404 OR PHYS 1303 or 1403 OR PHYS 1304 or 1404	PHYS 1303 OR PHYS 1304
Introductory Chemistry I♦	3	CHEM 1305 or 1405	CHEM 1305
Introduction to Special Populations	3	EDUC 2301	EDUC 2301
Physical Geology♦	3	GEOL 1303 or 1403	GEOL 1303
Historical Geology	3	GEOL 1304 or 1404	GEOL 1304
Mathematics for Teachers II♦	3	MATH 1351	MATH 1351
Precalculus♦	3	MATH 2312 or 2412	MATH 2312
College Physics I	3	PHYS 1301 or 1401	PHYS 1301
Educational Psychology	3	TECA 1311	HDFS 3300 (lower-level credit)
Choose one additional physical science course in Biology, Chemistry, Geology, or Physics.	3		

(continued on next page)

♦These courses are recommended as they are most relevant to content on the state teacher licensure exams.

***Transfer Credit Limit**

A maximum of 66 hours (grades C- or better) of 1000/2000 level transfer hours may be applied toward a UH degree. These are the 66 hours that best meet the degree requirements for your UH degree combination (Major, Double Major, Double Degree, and Minor).

- Students who currently attend UH should refer to their departmental advisor **BEFORE** taking courses at another college.
- Courses listed above are **suggested** courses for this degree. Other courses in combination may apply to a degree.
- See department or course catalog for further information on your degree plan.

Texas Undergraduate In-State Tuition Enrollment Cap

Under current rules, Texas resident undergraduate students who enrolled for the first time in a Texas public institution of higher education in fall 1999 or later may be charged a premium tuition rate after they reach an established enrollment cap. For details, see <https://www.uh.edu/provost/policies-resources/student/#enrollment-cap>