

## Bachelor of Science, Teaching & Learning Science Grades 4<sup>th</sup> - 8<sup>th</sup> College of Education

### I. CORE REQUIREMENTS (39 hours)\*

Course Name	Hours	TCCNS	UH
<b>Communication (6 hours)</b>			
English Composition I	3	ENGL 1301	ENGL 1301
English Composition II	3	ENGL 1302	ENGL 1302
<b>Mathematics (6 hours)</b>			
Contemporary Mathematics <u>OR</u> College Algebra	3	MATH 1332 <u>OR</u> MATH 1314	MATH 1332 <u>OR</u> MATH 1314
Mathematics for Teachers I	3	MATH 1350	CUIN 1350
<b>Life &amp; Physical Sciences (6 hours)</b>			
Biology for Non-Science Majors I <u>OR</u> Biology for Non-Science Majors II	3	BIOL 1308 or 1408 <u>OR</u> BIOL 1309 or 1409	BIOL 1308 <u>OR</u> BIOL 1309
Biology for Science Majors II	3	BIOL 1307 or 1407	BIOL 1307
<b>Creative Arts (3 hours)</b>			
Choose <u>one</u> course from your current college's core approved list.			
<b>Language, Philosophy, &amp; Culture (3 hours)</b>			
Choose <u>one</u> course from your current college's core approved list.			
<b>Social &amp; Behavioral Sciences (3 hours)</b>			
Choose <u>one</u> course from your current college's core approved list.			
<b>American History (6 Hours)</b>			
United States History I	3	HIST 1301	HIST 1377
United States History II	3	HIST 1302	HIST 1378
<b>Government/Political Sciences (6 hours)</b>			
Federal Government	3	GOVT 2305	GOVT 2305
Texas Government	3	GOVT 2306	GOVT 2306

### II. MAJOR REQUIREMENTS (30 hours)\*

Course Name	Hours	TCCNS	UH
Stars and Galaxies <u>OR</u> Solar System	3	ASTR 1303 or 1403 <u>OR</u> ASTR 1304 or 1404 <u>OR</u> PHYS 1303 or 1403 <u>OR</u> PHYS 1304 or 1404	PHYS 1303 <u>OR</u> 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 <u>one</u> additional physical science course in Biology, Chemistry, Geology, or Physics.	3		

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#### \*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 [http://www.uh.edu/provost/stu/stu\\_enrollcapqs.html](http://www.uh.edu/provost/stu/stu_enrollcapqs.html)