

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

### I. Core Requirements (42 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>			
College Algebra <sup>1</sup>	3	MATH 1314	MATH 1314
Mathematics for Teachers I <sup>1</sup>	3	MATH 1350	CUIN 1350
<b>Life &amp; Physical Sciences (6 hours)</b>			
Choose <b>two</b> courses from your current college's core approved list. <sup>2</sup>			
<b>Creative Arts (3 hours)</b>			
Choose <b>one</b> course from your current college's core approved list.			
<b>Language, Philosophy, &amp; Culture (3 hours)</b>			
Choose <b>one</b> course from your current college's core approved list.			
<b>Social &amp; Behavioral Sciences (3 hours)</b>			
Choose <b>one</b> course from your current college's core approved list.			
<b>American History (6 Hours)</b>			
Choose <b>two</b> courses from your current college's core approved list. <sup>3</sup>			
<b>Government/Political Sciences (6 hours)</b>			
Federal Government	3	GOVT 2305	GOVT 2305
Texas Government	3	GOVT 2306	GOVT 2306
<b>Writing in the Disciplines (3 hours, UH Component Area Option)</b>			
Choose <b>one</b> 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 <b>or</b> Solar System	3	ASTR 1303 <b>or</b> 1403 <b>or</b> ASTR 1304 <b>or</b> 1404 <b>or</b> PHYS 1303 <b>or</b> 1403 <b>or</b> PHYS 1304 <b>or</b> 1404	PHYS 1303 <b>or</b> PHYS 1304
Introduction to Special Populations	3	EDUC 2301	EDUC 2301
Historical Geology	3	GEOL 1304 <b>or</b> 1404	GEOL 1304
Mathematics for Teachers II <sup>1</sup>	3	MATH 1351	MATH 1351
Precalculus <sup>1</sup>	3	MATH 2312	MATH 2312
College Physics I	3	PHYS 1301 <b>or</b> 1401	PHYS 1301
Educating Young Children	3	TECA 1311	HDFS 3300 (lower-level credit)
Choose <b>three additional</b> courses from your current college's Life & Physical Sciences Core list. <sup>2</sup>	9		

<sup>1</sup>These courses are recommended as they are most relevant to content on the state teacher licensure exams.

<sup>2</sup>BIOL 1307, 1308 **or** 1309, CHEM 1305, and GEOL 1303 are recommended as they are most relevant to content on the state teacher licensure exams.

<sup>3</sup>HIST 1301 **and** HIST 1302 are recommended as they are most relevant to content on the state teacher licensure exams.

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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 [Texas Enrollment Cap | Office of the Provost | University of Houston](#).