UNIVERSITY of HOUSTON

Texas Common Course Numbering System (TCCNS)
Transfer Course Equivalencies: 2026-2027 UH Catalog

Chemistry - Bachelor of Science and Bachelor of Arts
College of Natural Sciences & Mathematics

I. Core Requirements (46 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 (8 hours)			
Calculus I	4	MATH 2413	MATH 2413
Calculus II	4	MATH 2414	MATH 2414
Life & Physical Sciences (8 hours)			
General Chemistry I	4	CHEM 1311/1111 **or** 1411	CHEM 1311/1111
General Chemistry II	4	CHEM 1312/1112 **or** 1412	CHEM 1312/1112
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)			
Choose **two** courses from your current college's core-approved list.			
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)			
Choose **one** course from your current college's core approved **Component Area Option** list.			

II. Major Requirements (20 hours)*

Course Name	Hours	TCCNS	UH
Calculus III	4	MATH 2415	MATH 2415
Organic Chemistry I	4	CHEM 2323/2123 **or** 2423	CHEM 2323/2123
Organic Chemistry II	4	CHEM 2325/2125 **or** 2425	CHEM 2325/2125
University Physics I	4	PHYS 2325/2125 **or** 2425	PHYS 2325/2125
University Physics II	4	PHYS 2326/2126 **or** 2426	PHYS 2326/2126

III. College of NSM Natural Sciences Requirements (**Choose 6 hours**)* **- Bachelor of Science Majors ONLY**

Course Name	Hours	TCCNS	UH
Biology for Science Majors I	3	BIOL 1306 **or** 1406	BIOL 1306
Biology for Science Majors II	3	BIOL 1307 **or** 1407	BIOL 1307
Anatomy & Physiology I	3	BIOL 2301 **or** 2401	BIOL 2301
Anatomy & Physiology II	3	BIOL 2302 **or** 2402	BIOL 2302
Microbiology for Science Majors	3	BIOL 2321 **or** 2421	BIOL 2321
Physical Geology	3	GEOL 1303 **or** 1403	GEOL 1303
Historical Geology	3	GEOL 1304 **or** 1404	GEOL 1304
Oceanography	3	GEOL 1345 **or** 1445	GEOL 1345
Meteorology	3	GEOL 1347 **or** 1447	GEOL 1347

IV. Bachelor of Arts Special Degree Requirements (6 hours)* **- Bachelor of Arts Major ONLY**

Six (6) hours of sophomore 2000-level Foreign Language:
Six (6) hours of sophomore-level foreign-language courses: 2311 & 2312 in American Sign Language, Arabic, Chinese, French, German, Greek, Hindi, Italian, Japanese, Korean, Latin, Russian, Spanish, or Vietnamese

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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