UNIVERSITY of HOUSTON

Texas Common Course Numbering System (TCCNS)
Transfer Course Equivalencies: 2025-2026 UH Catalog

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

I. Core Requirements (43 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)			
Biology for Science Majors I	4	BIOL 1306/1106 **or** 1406	BIOL 1306/1106
Biology for Science Majors II	4	BIOL 1307/1107 **or** 1407	BIOL 1307/1107
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

II. Major Requirements (27 hours)*

Course Name	Hours	TCCNS	UH
Anatomy & Physiology I# OR Anatomy & Physiology II# OR Microbiology for Science Majors#	3	BIOL 2301 OR BIOL 2302 OR BIOL 2321	BIOL 2301 OR BIOL 2302 OR BIOL 2321
General Chemistry I	4	CHEM 1311/1111 **or** 1411	CHEM 1311/1111
General Chemistry II	4	CHEM 1312/1112 **or** 1412	CHEM 1312/1112
Organic Chemistry I	4	CHEM 2323/2123 **or** 2423	CHEM 2323/2123
Calculus III^	4	MATH 2415	MATH 2415
College Physics I **and** College Physics II OR University Physics I **and** University Physics II	8	PHYS 1301/1101 **or** 1401 **and** PHYS 1302/1102 **or** 1402 OR PHYS 2325/1125 **or** 2425 **and** PHYS 2326/1126 **or** 2426	PHYS 1301/1101 **and** PHYS 1302/1102 OR PHYS 2325/1125 **and** PHYS 2326/1126

III. 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

#BIOL 2301/2302/2321 are the only options at community colleges to satisfy the 3 hour BIOL elective. Other UH options are available - 3000/4000 level BIOL courses.

^Calculus III is one of the three options available to satisfy the major's final Math requirements (the other options are UH-only MATH 3338, Probability **or** MATH 3339, Statistics for the Sciences).

***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

Office of Admissions
713.743.1010 | www.uh.edu/transfer

Department of Biology and Biochemistry
713.743.4365 | www.uh.edu/nsm/biology-biochemstry