

Biotechnology - Bachelor of Science

College of Engineering Technology Majors

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 (7 hours)			
Elementary Statistical Methods	3	MATH 1342	MATH 1342
Calculus I	4	MATH 2413	MATH 2413
Life & Physical Sciences (8 hours)			
Biology for Science Majors I	4	BIOL 1306/1106 or 1406	BIOL 1306/1106
General Chemistry I	4	CHEM 1311/1111 or 1411	CHEM 1311/1111
Creative Arts (3 hours)			
Choose one course from your current college's core approved list.			
Language, Philosophy, & Culture (3 hours)			
Introduction to Ethics	3	PHIL 2306	PHIL 1305
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

II. Major Requirements (25-26 hours) *

Course Name	Hours	TCCNS	UH
Biology for Science Majors II	4	BIOL 1307/1107 or 1407	BIOL 1307/1107
Introduction to Biotechnology I or Intro to Biotechnology	3-4	BIOL 1414 or BITC 1311 or 1411	BTEC 1322
Microbiology for Science Majors	4	BIOL 2321/2121 or 2421	BIOL 2321/2121
Principles of Management	3	BMGT 1327	HDCS 3300 [^]
General Chemistry II	4	CHEM 1312/1112 or 1412	CHEM 1312/1112
Organic Chemistry I	4	CHEM 2323/2123 or 2423	CHEM 2323/2123
College Physics I	3	PHYS 1301 or 1401	PHYS 1301

[^] Lower-level credit only. To graduate, students must earn at least 36 hours of advanced-level credit.

*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](#)