

Biological Science – Bachelor of Science
with Cellular/Molecular/Biotechnology Specialization
College of Science and Engineering

I. TEXAS CORE CURRICULUM REQUIREMENTS (42 hours)

Course Name	Status	TCCNS	UHCL
Communication 010 (6 hours) (Grade of C- or higher is required)			
English Composition I		ENGL 1301	WRIT 1301
English Composition II/Intro Prof. Technical Writing		ENGL 1302/ENGL 2311	WRIT 1302/WRIT 2311
Mathematics 020 (3 hours) (Grade of C- or higher is required)			
Calculus I		MATH 2413	MATH 2413
Life & Physical Sciences 030/090 (8 hours)			
Biology for Science Majors I		BIOL 1306/1106 or 1406	BIOL 1306/1106
Biology for Science Majors II		BIOL 1307/1107 or 1407	BIOL 1307/1107
Language, Philosophy, & Culture 040 (3 hours)			
Choose one course from your current college's Core Curriculum approved list for this category.		Any 040 coded class	Any 040 coded class
Creative Arts 050 (3 hours)			
Choose one course from your current college's Core Curriculum approved list for this category.		Any 050 coded class	Any 050 coded class
American History 060 (6 Hours)			
United States History I		HIST 1301	HIST 1301
United States History II		HIST 1302	HIST 1302
Government/Political Sciences 070 (6 hours)			
Federal Government		GOVT 2305	POLS 2305
Texas Government		GOVT 2306	POLS 2306
Social & Behavioral Sciences 080 (3 hours)			
Choose one course from your current college's Core Curriculum approved list for this category.		Any 080 coded class (PSYC 2301 recommended)	Any 080 coded class
Component Area Option 090 (4 Hours)			
* Public Speaking, Intro to Speech, or any 090	*	Any 090 coded class	Any 090 coded class
* Learning Frameworks or any 090	*	Any 090 coded class	Any 090 coded class

II. MAJOR REQUIREMENTS (28 hours) (Grade of C or higher is required)

Course Name	Status	TCCNS	UHCL
General Chemistry I		CHEM 1311/1111 or 1411	CHEM 1311/1111
General Chemistry II		CHEM 1312/1112 or 1412	CHEM 1312/1112
Organic Chemistry I		CHEM 2323/2123 or 2423	CHEM 2323/2123
Organic Chemistry II		CHEM 2325/2125 or 2425	CHEM 2325/2125
Microbiology for Science Majors & Lab		BIOL 2321/2121 or 2421	BIOL 2321/2121
College Physics I		PHYS 1301/1101 or 1401	PHYS 1301/1101
College Physics II		PHYS 1302/1102 or 1402	PHYS 1302/1102

* MATH 2412 or any additional core outside the usual core components may end up satisfying these, check with a UHCL transfer advisor prior to enrolling in the Component Area Option 090 courses. www.uhcl.edu/academics/advising/transfer/advisers

Transfer Credit Limit

UHCL will accept up to **70 hours** for the transfer courses listed above toward this particular degree's requirements. Student may transfer to UHCL at any point, the courses listed above are only provided for those who are attempting to maximize course options at their current community college prior to transferring. www.uhcl.edu/admissions/apply/transfer/how-to-apply

This Bachelor's degree is 120 hours. The remaining advanced course requirements (approximately **50 hours**) to be completed at UHCL for this degree may be viewed in the undergraduate catalog. www.uhcl.edu/academics/resources/catalog