

UHCL Core Curriculum

Texas Common Course Numbering System (TCCNS) Course Equivalences: 2025-2026 Catalog

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world; develop principles of personal and social responsibility for living in a diverse world; and advance intellectual and practical skills essential for all learning (THECB, 2015). The core curriculum at the University of Houston-Clear Lake contains 42 semester credit hours, encompassing nine component areas. Each component area has a minimum credit hour requirement and a set of specific courses that may be used to satisfy the requirement. The chart below details UHCL's courses and the Texas Common Course Numbering System (TCCNS) equivalents that comprise UHCL's core curriculum.

UHCL	Course Title	TCCNS	Code	UHCL	Course Title	TCCNS	Code
Communication (6 hours)			10	Language Philosophy and Culture (3 hours)			40
WRIT 1301	Composition I	ENGL 1301		ANTH 2346	General Anthropology	ANTH 2346	
WRIT 1302	Composition II	ENGL 1302		COMM 1307	Intro. to Mass Communication	COMM 1307	
WRIT 2311	Intro to Professional Writing	ENGL 2311		HIST 2321	World Civilizations I	HIST 2321	
Mathematics (3 hours)			20	HIST 2322	World Civilizations II	HIST 2322	
MATH 1314	College Algebra	MATH 1314		HUMN 1301	Humanities	HUMA 1301	
MATH 1324	Math for Busin. & Social Sci.	MATH 1324		LITR 2321	British Literature	ENGL 2321	
MATH 1325	Calculus for Bus. & Soc. Sci.	MATH 1325		LITR 2326	American Literature	ENGL 2326	
MATH 1332	Contemporary Mathematics	MATH 1332		LITR 2341	Literature and Experience	ENGL 2341	
MATH 1342	Elementary Stat Methods	MATH 1342		PHIL 1301	Intro to Philosophy I	PHIL 1301	
MATH 1350	Mathematics for Teachers I	MATH 1350		WGST 1301	Gender Matters: Intro to WGST		
MATH 2412	Pre-Calculus Math	MATH 2412		Creative Arts (3 hours)			50
MATH 2413	Calculus I	MATH 2413		ARTS 1303	World Art Survey I	ARTS 1303	
Life and Physical Sciences (6 hours)			30	ARTS 1304	World Art Survey II	ARTS 1304	
ASTR 1303	Stars and Galaxies	ASTR 1303		ARTS 1314	Dance Appreciation	DANC 2303	
ASTR 1304	Solar System	ASTR 1304		ARTS 2372	Integrating Visual Art		
BIOL 1306	Biol for Science Majors I	BIOL 1306		ARTS 2379	Arts and the Child		
BIOL 1307	Biol for Science Majors II	BIOL 1307		LITR 2366	Intro to Film Studies	DRAM 2366	
BIOL 1308	Biol for Non-Sci Maj I	BIOL 1308		American History (6 hours)			60
BIOL 1309	Biol for Non-Sci Maj II	BIOL 1309		HIST 1301	US History I	HIST 1301	
BIOL 2301	Anatomy & Physiology I	BIOL 2301		HIST 1302	US History II	HIST 1302	
BIOL 2302	Anatomy & Physiology II	BIOL 2302		Government/Political Science (6 hours)			70
CHEM 1305	Intro to Chem	CHEM 1305		POLS 2305	Federal Government	GOVT 2305	
CHEM 1311	General Chemistry I	CHEM 1311		POLS 2306	Texas Government	GOVT 2306	
CHEM 1312	General Chemistry II	CHEM 1312		Social and Behavioral Sciences (3 hours)			80
CHEM 1372	Diet and Nutrition Chemistry	BIOL 1322		CRIM 1301	Intro to Criminal Justice	CRIJ 1301	
ENSC 1301	Environmental Science I	ENVR 1301		ECED 1354	Dev Theories of Young Children	TECA 1354	
ENSC 1302	Environmental Science II	ENVR 1302		ECON 2301	Principles of Macroeconomics	ECON 2301	
GEOL 1303	Physical Geology	GEOL 1303		ECON 2302	Principles of Microeconomics	ECON 2302	
GEOL 1304	Historical Geology	GEOL 1304		GEOG 1303	World Regional Geography	GEOG 1303	
PHYS 1301	College Physics I	PHYS 1301		PSYC 2301	Intro to Psychology	PSYC 2301	
PHYS 1302	College Physics II	PHYS 1302		SOCI 1301	Intro to Sociology	SOCI 1301	
PHYS 2325	University Physics I	PHYS 2325		SOCI 1306	Social Problems	SOCI 1306	
PHYS 2326	University Physics II	PHYS 2326		SWRK 2361	Intro to Social Work	SOCW 2361	
PHYS 2425	University Physics I with Lab	PHYS 2425		Component Area Options (6 hours)			90
PHYS 2426	University Physics II with Lab	PHYS 2426		COMM 1315	Public Speaking	SPCH 1315	
				PSYC 1300	Learning Frameworks	PSYC 1300	
				PSYC 1100	Learning Frameworks	PSYC 1100	
				TCED 1301	Exploring Teaching as a Profession	EDUC 1301	
					Two 1-hour Life and Physical Science Labs (Note: Labs are co-requisites to Life and Physical Sciences)		

Students are encouraged to select courses that are required and/or recommended for their respective major. If a student completes a component of the core at one Texas institution, that block of courses will be substituted for UHCL's same core component(s). Additional program foundation courses may be required. To minimize taking additional courses, refer to your degree plan for recommended courses in each area.

* Accumulation of hours above the requirement for the three (3) hours in the Core Mathematics - 20 or the six (6) hours in the Core Life and Physical Sciences - 30 will count toward the Core Component Area Option - 90.