

Mathematical Science - Bachelor of Arts
with 7-12 Mathematics (High School) Teacher Certification (*UHCLTeach*)
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. Writing		ENGL 1302/ENGL 2311	WRIT 1302/WRIT 2311
Mathematics 020 (3 hours) (Grade of C- or higher is required)			
Calculus		MATH 2413	MATH 2413
Life & Physical Sciences 030/090 (8 hours)			
* Choose one course and lab from your current college's core list.		Any 030 coded class and 090 coded class or lab	Any 030 coded class and 090 coded class or lab
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Language, Philosophy, & Culture 040 (3 hours)			
Choose one course from your current college's core list.		Any 040 coded class	Any 040 coded class
Creative Arts 050 (3 hours)			
Choose one course from your current college's core list.		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 list.		Any 080 coded class	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 (16 hours) (Grade of C- or higher is required)

Course Name	Status	TCCNS	UHCL
Calculus II		MATH 2414	MATH 2414
Linear Algebra		MATH 2318	MATH 2318
Differential Equations		MATH 2320	MATH 2320
Calculus III		MATH 2315 or 2415	MATH 2315
*Choose one additional Life & Physical Science course.			

* In the 11 hours of science (two 4 hour and one 3 hour course), one course in each of the following areas is recommended: BIOL, GEOL/ENSC, CHEM, and/or PHYS or ASTR. Most common: BIOL 1308/1108, CHEM 1305/1105, GEOL 1301/1101, and/or ASTR/PHYS 1303/1103 or ASTR/PHYS 1304/1104.

** Public Speaking is recommended for future teachers since it is part of the Teacher Education Program Requirements. However any 090 coded class may satisfy these requirements, 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 **58 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 126 hours. The remaining course requirements (approximately **68 hours**) to be completed at UHCL for this degree may be viewed in the undergraduate catalog, www.uhcl.edu/academics/resources/catalog.

This degree is part of the [UHCLTeach Program](http://www.uhcl.edu/science-engineering/centers-initiatives/uhclteach), www.uhcl.edu/science-engineering/centers-initiatives/uhclteach.