



Bachelor of Arts in Mathematics (120 hours)

This table shows a sample recommended course sequence for this degree based on the **UHD 2025-26 Undergraduate Catalog**. Students should verify degree requirements and registration plans with an advisor to ensure accuracy. Please note that some degrees and colleges have specific GPA and other requirements. Courses with asterisks (*) indicate Common Core courses.

First Year (Freshman 0-29 hrs)

Semester 1	Hours	Grade	TCCNS	ACGM	Semester 2	Hours	Grade	TCCNS	ACGM
ENG 1301*	3		ENGL 1301	Composition I	ENG 1302*	3		ENGL 1302	Composition II
MATH 2401*	4		MATH 2413	Calculus I	POLS 2305*	3		GOVT 2305	Federal Government
Life and Physical Science*	3				Life and Physical Science*	3			
UHD 1302 (Freshman Sem - Math)*	3				MATH 2409 (Intro to Proofs)	4			
					MATH 2402	4		MATH 2414	Calculus II
Total Hours	13				Total Hours	17			

Second Year (Sophomore 30-59 hrs)

Semester 1	Hours	Grade	TCCNS	ACGM	Semester 2	Hours	Grade	TCCNS	ACGM
MATH 2307	3		MATH 2318	Linear Algebra	MATH 3302 (Prob & Stats)	3			
MATH 3301 (Diff. Equations)	3		MATH 2320	Differential Equations	MATH 3408 (Numerical Methods)	4			
POLS 2306*	3		GOVT 2306	Texas Government	American History Course*	3			
Oral Communication	3				MATH 2403	4		MATH 2415	Calculus III
Language, Philosophy, & Culture	3				Approved Minor (Non-Sciences & Technology)	3			
Total Hours	15				Total Hours	17			

Third Year (Junior 60-89 hrs)

Semester 1	Hours	Grade	TCCNS	ACGM	Semester 2	Hours	Grade	TCCNS	ACGM
Data 2401 (Data Science I)	4				MATH 3306 (Intro Modern Algebra)	3			

Social & Behavioral Sciences*	3				MATH 3309 or MATH 3312 or MATH 3314	3			
MATH 3000-4000 Level Elective	3				Approved Minor (Non-Sciences & Technology)	3			
MATH 3307 (Analysis I)	3				Approved Minor (Non-Sciences & Technology)	3			
Approved Minor (Non-Sciences & Technology)	3				American History Course*	3			
Total Hours	16				Total Hours	15			

Fourth Year (Senior 90-120 hrs)

Semester 1	Hours	Grade	TCCNS	ACGM	Semester 2	Hours	Grade	TCCNS	ACGM
MATH 4000 (Elective Course)	3				Creative Arts Course*	3			
MATH 4395 (Senior Project)	3				MATH 4000 Level Elective	3			
Approved Minor (Non-Sciences & Technology)	3				MATH Elective 3000-4000 Course	3			
Approved Minor (Non-Sciences & Technology)	3				Free Elective (If needed)	3			
Free Elective (If needed)	3								
Total Hours	15				Total Hours	12			