



Bachelor of Arts in Mathematics w/ Secondary Teacher Cert. (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	MATH 2402	4		MATH 2414	Calculus II
Life and Physical Science*	3				MATH 2409 (Intro to Proofs)	4			
UHD 1302 (Freshman Sem - Math)*	3				Life and Physical Science*	3			
POLS 2305*	3		GOVT 2305	Federal Government	American History Course*	3			
Total Hours	16				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 2403	4		MATH 2415	Calculus III
MATH 3302 (Prob & Stats)	3				MATH 3301 (Diff. Equations)	3		MATH 2320	Differential Equations
POLS 2306*	3		GOVT 2306	Texas Government	MATH 3303 (Geometry for Teachers)	3			
Oral Communication	3				Creative Arts Course*	3			
PED 3301 (Introduction to Special Populations)	3				READ 3309 (Teaching Reading in the Content Areas)	3			
Total Hours	15				Total Hours	16			

Third Year (Junior 60-89 hrs)

Semester 1	Hours	Grade	TCCNS	ACGM	Semester 2	Hours	Grade	TCCNS	ACGM
MATH 3306 (Intro Modern Algebra)	3				MATH 3313 (Mathematics for Secondary Teachers)	3			

MATH 3307 (Analysis I)	3				MATH 3307 (Analysis I)	3			
MATH 3408 (Numerical Methods)	4				SED 3312 (Organizing & Managing the Class Environment in the Secondary School)	3			
MATH 3000-4000 Level Elective	3				PED 3305 (Understanding the Early Child through 12th grade)	3			
Language, Philosophy, & Culture*	3				PED 4380 (Field Experience in Urban Public School Classrooms)	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
SED 3317 (Teaching Secondary School Mathematics)	3				SED 4301 (Student Teaching in the Secondary School)	3			
SED 3307 (Second. Teacher Roles in Assessment and Profession)	3				SED 4302 (Student Teaching in the Secondary School)	3			
Social & Behavioral Sciences*	3				READ 4321 (Literacy Across the Curriculum 8- 12)	3			
PED 4382 (Field Experience in Urban Education Classrooms)	3				MATH 4095 (Senior Project in MATH Education)	0			
American History Course*	3				Free Elective (if needed)	1			
Total Hours	15				Total Hours	10			