



Bachelor of Science in Applied Statistics (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	DATA 2401 (Data Science)	4			
Life and Physical Science*	3				MATH 2402	4		MATH 2414	Calculus II
UHD 1302* (Freshman Sem - Math)	3				Life and Physical Science*	3			
					POLS 2305*	3		GOVT 2305	Federal Government
Total Hours	13				Total Hours	17			

Second Year (Sophomore 30-59 hrs)

Semester 1	Hours	Grade	TCCNS	ACGM	Semester 2	Hours	Grade	TCCNS	ACGM
Quantitative Science Elective	3				STAT 3333 (Statistical Inference) or STAT 3334 or STAT 3311	3			
MATH 3302 (Prob & Stats) or MATH 3317 (Acturial Mathematics)	3				CS 1411 (Introduction to Computer Science w/ Python)	4		COSC 1436	Intro to C++
Oral Communication *	3				American History Course*	3			
POLS 2306	3		GOVT 2306	Texas Government	Social and Behavioral Science*	3			
Language, Philosophy, & Culture*	3				Minor Course	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
Quantitative Science Elective	3					Quantitative Science Elective (3000-4000)	3			
American History Course*	3					Creative Arts Course*	3			
STAT 4000 Level Elective Course	3					Minor Course	3			
Quantitative Science Elective (3000-4000)	3					Minor Course	3			
Minor Course	3					STAT 4000 Level Elective Course	3			
Total Hours	15					Total Hours	15			
Fourth Year (Senior 90-120 hrs)										
Semester 1	Hours	Grade	TCCNS	ACGM		Semester 2	Hours	Grade	TCCNS	ACGM
STAT 4395 (Senior Project in Statistics) or TCOM 3302 (Business & Technical Writing)	3					STAT 4000 Level Elective Course	3			
Quantitative Science Elective (3000-4000)	3					Quantitative Science Elective (3000-4000)	3			
Minor Course	3					Minor Course	3			
Free Elective (If needed)	3					Free Elective (If needed)	3			
Free Elective (If needed)	3					Free Elective (If needed)	2			
Total Hours	15					Total Hours	14			