

Bachelor of Science in Applied Statistics (120 hours)

This is a recommended course sequence based on the UHD 2023-24 Undergraduate Catalog for a degree in BS in Applied Statistics which will equip students to work in many professions, such as: statisticians, data analysts, data scientists. It will also allow students to work in many different industries, such as: medical, energy, finance, or education. Courses with asterisks (*) indicate Common Core courses.

First Year						
Semester 1	Hours	Grade		Semester 2	Hours	Grade
ENG 1301*	3			ENG 1302*	3	
MATH 2401*(can be substituted with MATH 2421 or MATH 2411)	4			DATA 2401	4	
Life and Physical Science*	3			MATH 2305 (see catalog for options)	3	
UHD First-year Seminar*	3			Life & Physical Science*	3	
				POLS 2305* (Summer Option)	3	
Total Hours	13			Total Hours	16	
Second Year						
Semester 1	Hours	Grade		Semester 2	Hours	Grade
Quantitative Science Elective	3			STAT 3333 (can be substituted with STAT 3334 or STAT 3311)	3	
MATH 3302 (can be substituted with MATH 3317)	3			CS 1410 (can be substituted for CS 1311 or CS 1408)	3	
POLS 2306*	3			Social and Behavioral Sciences* (Summer Option)	3	
Oral Communication* (Summer Option)	3			Minor course	3	
Language, Philosophy, & Culture*	3			American History course*	3	
Total Hours	15			Total Hours	15	
Third Year						
Semester 1	Hours	Grade		Semester 2	Hours	Grade
Quantitative Science Elective	3			Quantitative Science Elective (3000-4000)	3	
4000L STAT Elective course	3			4000L STAT Elective course	3	
Quantitative Science Elective (3000-4000)	3			Minor course	3	
Minor course	3			Minor course	3	
American History course* (Summer Option)	3			Creative Arts course* (Summer Option)	3	
Total Hours	15			Total Hours	15	
Fourth Year						
Semester 1	Hours	Grade		Semester 2	Hours	Grade
STAT 4395 (Senior Project) (can be substituted with TCOM 3302)	3			4000L STAT Elective	3	
Quantitative Science Elective (3000-4000)	3			Minor Course	3	
Minor course	3			Quantitative Science Elective (3000-4000)	3	
Free Elective (if needed)	3			Free Elective (if needed)	3	

Free Elective (if needed) (Summer Option)	3
Total Hours	15

Free Elective (if needed) (Summer Option)	4
Total Hours	16

15 to Finish

Fall: 15 hours • Spring: 15 hours

30 in 3

Fall: 12 hours • Spring: 12 hours • Summer: 6 hours