

GRADUATE CERTIFICATE IN DATA ANALYSIS

Requirements Effective Spring 2026

Additional coursework may be required due to prerequisites.

Code	Title	Credits
Select 4 Credits from the following:		4
STAR courses 500-549		
Select 6 credits from the following:		6
STAR courses 500-549		
ANEQ 565	Interpreting Animal Science Research	
CIS 575	Applied Data Mining and Analytics in Business	
CIVE 547/ STAT 547	Statistics for Environmental Monitoring	
CIVE 622	Risk Analysis of Water/Environmental Systems	
ERHS 535	R Programming for Research	
ERHS 537A	R Programming: Research I	
ERHS 537B	R Programming: Research II	
ERHS 732	Advanced Epidemiological Analysis	
ESS 523A	Environmental Data Science Applications: Introduction	
ESS 575	Models for Ecological Data	
FW 670	Wildlife Ecology Modeling	
NR 512	Spatial Statistical Modeling-Natural Resources	
Program Total Credits:		10

*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.