

DATA SCIENCE (MS)

The University of Connecticut offers a Master of Science in Data Science through The Graduate School with the participation of the College of Agriculture, Health, and Natural Resources, the College of Liberal Arts and Sciences, the School of Business, the College of Engineering, and the Neag School of Education.

Requirements

Students must compete at least 30 credits of coursework, including core courses, a capstone course, and two elective courses in a relevant area.

Course	Title	Credits
Core Courses		
All students are required to complete the following 21 credits of core courses:		
ARE 5353	Data Ethics and Equity in the Era of Misinformation	2
CSE 5709	Machine Learning for Data Science	3
CSE 5710	Data Mining for Data Science	3
EPSY 5641	Research Design and Measurement for Data Science	2
GRAD 5100	Fundamental Skills for Data Science	3
OPIM 5605	Data Visualization and Communication	2
STAT 5405	Applied Statistics for Data Science	3
STAT 5410	Statistical Computing for Data Science	3
Capstone Requirement		
In addition, all students must complete a three-credit applied capstone course:		
GRAD 5800	Applied Capstone in Data Science	3
Elective Courses		
Two elective courses in a relevant area		6