

Core Requirements: 15 credits

COMP-SCI 5530 Principles of Data Science
COMP-SCI 5540 Principles of Big Data Management
COMP-SCI 5565 Introduction to Statistical Learning
COMP-SCI 5567 Deep Learning
COMP-SCI 5588 Data Science Capstone

Electives: 15 credits

COMP-SCI 5525 Cloud Computing
COMP-SCI 5542 Big Data Analytics and Applications
COMP-SCI 5551 Advanced Software Engineering
COMP-SCI 5560 Knowledge Discovery & Management
COMP-SCI 5573 Information Security & Assurance
COMP-SCI 5582 Computer Vision
COMP-SCI 5590 Special Topics
COMP-SCI 5597 Directed Readings
MATH 5545 Mathematical Methods in Data Science
MIS 5507 Business Analytics & Statistics
MIS 5557 Data Management & Data Mining for Business Analytics
MKT 5566 Predictive Analytics Using R
STAT 5501 Statistical Design of Experiments
STAT 5561 Time Series Analysis

Courses offered are subject to instructor availability and student interest. Additional courses may be available.