DATA SCIENCE GENERALIST CONCENTRATION, MS

Master of Science in Applied Data Science

Degree requirements for the Data Science Generalist concentration are as follows:

Code	Title	Hours
ADS 521	Foundations of Data Science	3
ADS 524	Data Analytics	3
ADS 525	Machine Learning I	3
ADS 526	Machine Learning II	3
ADS 534	Statistical Modeling	3
ADS 637	Data Exploration and Visualization	3
ADS 638	Database Systems	3
ADS 670	Case Analysis Capstone	3
Electives (p. 1)		6
Total Credits Required:		**30**

Electives

Code	Title	Hours
ADS 652	Text Mining	3
ADS 654	Deep Learning	3
CBY 510	Foundations of Cybersecurity Management	3
CBY 515	Foundations of Data Protection	3
CIM 605	Decision Support Systems	3
MBA 651	High Performance Management Strategies	3
MBA 660	Investment Strategy and Risk Management	3
MHE 500	Foundations of Higher Education Administration	3
MHE 505	Organization and Decision-Making in Higher Education	3
MLN 500	Introduction to the Theory and Practice of Negotiation	3
MLN 505	Introduction to Models and Concepts in Leadership	3
NMP 500	Foundations of the Nonprofit Sector	3
NMP 655	Leadership & Personal Effectiveness	3