
DATA SCIENCE

DATA SCIENCE

DATA 101 Introduction to Data Science**3 Credits**

This is a survey course to build a fundamental yet applied understanding of topics in data science. The course covers topics from a conceptual standpoint without assuming prerequisite knowledge in statistics and programming. Topics included in this course are definition and history of data science, data collection, data wrangling (including manipulating, cleaning and cleaning data), data explorations, creating models, artificial neural networks, and communicating the results. At the end of the course, students will have the necessary skills to dive further into the more qualitative technical aspects of data science. Prerequisite:

DATA 110 Intro to Data Visualization**3 Credits**

This is an introductory course about converting data into understandable visual presentations. Topics include data relationships, data visualization and reports, and preparing, processing, and modeling data, with hands-on skills using both Microsoft Power BI and Tableau. The course covers topics from a conceptual standpoint without assuming prerequisite knowledge in statistics and programming. Prerequisite: