Nebraska Wesleyan University

DATA 3200 Principles and Techniques of Data Analytics I

Catalog

2026-2027

Course Description

This course explores key principles and techniques of data science in Python, including programming foundations, data management, advanced data visualization, integration with SQL, and machine learning. The class has optional live sessions.

Prerequisite(s): CMPSC 3200 Python Programming II and DATA 1350 Introduction To Data Analytics.

This course is offered online through a consortium of accredited colleges and universities. Instruction is provided by faculty employed by partner institutions within the consortium, with technology and administrative support provided by Rize Education. Oversight of courses offered through the consortium are reviewed and approved by Nebraska Wesleyan University. Students register through Nebraska Wesleyan University and receive academic credit from Nebraska Wesleyan University.

Course Hours

3 hours

Departments

1. Mathematics and Computer Science