ANALYTICS MINOR (MANCHESTER)

https://manchester.unh.edu/program/minor/analytics

Description

The demand for data-savvy individuals has never been higher, and the analytics minor gives you an introduction to the tools you'll need for a career involving data science and analytics, focused on the application of data science in industry. In addition to courses in mathematics, computer science and analytics, you can study neural networks and big data. Combine this minor with a major in the sciences, computer science, business, marketing or social sciences to bring enhanced skills to your career or graduate studies. With the experience provided by this minor, you'll gain a competitive advantage in this rapidly growing field. The objective of this minor is to provide a basic background in analytics for those interested in applications of data science.

Requirements

Students must complete five courses (20 credits) with a cumulative minimum grade point average of 2.0 and with no grade below a C- grade.

Transfer course approval for the minor is limited to at most, two relevant courses successfully completed at another accredited institution, subject to syllabi review and approval.

Some preparation in MATH 425 Calculus I and programming COMP 424 Applied Computing 1: Foundations of Programming is required.

Code	Title	Credits
Required Courses		
DATA 557	Introduction to Data Science and Analytics	4
COMP 525	Data Structures Fundamentals	4
COMP 570	Statistics in Computing and Engineering	4
MATH 645	Linear Algebra for Applications	4
Select one course from the following:		4
DATA 674	Predictive and Prescriptive Analytics I	
DATA 675	Predictive and Prescriptive Analytics II	
DATA 750	Neural Networks	
DATA 757	Mining Massive Datasets	
Total Credits		**20**