

ANALYTICS MINOR

<https://ceps.unh.edu/computer-science/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.

Students interested in the Analytics minor should contact matthew.magnusson@unh.edu for more information.

Requirements

Academic policies related to Minors.

Credit toward the minor will only be given for courses passed with C- or better, and a 2.00 grade-point average must be maintained in courses for the minor.

- Courses taken on a pass/fail basis may not be used for a minor.
- No more than 8 credits used to satisfy major requirements may be used for the minor.
- No more than 2 courses or 8 credits may be from transfer coursework. Any transferred coursework must be approved by the minor coordinator.

For additional details on how to declare a minor, please visit <https://www.unh.edu/registrar/academic-records/majors-minors>.

Some preparation in MATH 425 Calculus I and programming CS 415 Introduction to Computer Science I is required.

Code	Title	Credits
Required Courses		
CS 417	From Programs to Computer Science (Durham Students)	4
or COMP 525	Data Structures Fundamentals	
CS 457	Introduction to Data Science and Analytics	4
or DATA 557	Introduction to Data Science and Analytics	
MATH 539	Introduction to Statistical Analysis	4
MATH 545	Introduction to Linear Algebra	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	
Total Credits		20