

APPLIED COMPUTING MINOR

<https://manchester.unh.edu/program/minor/applied-computing>

Description

Fusing the theory and application of computer science, the applied computing minor develops technical knowledge and real-world skills in IT, programming languages, web development and more. Applied computing focuses on critical thinking and problem solving, which prepares students from all majors with skills that can contribute to the mission of virtually any organization.

For more information, contact [Michael Jonas \(michael.jonas@unh.edu\)](mailto:michael.jonas@unh.edu), minor supervisor.

Requirements

The minor requires five COMP courses (20 credit hours). Students must earn grades of at least C- in each course and maintain an overall GPA of 2.0 in minor courses. Transfer students may transfer up to two courses, subject to the approval of the minor supervisor. Courses taken on a pass/fail basis may not be used for the minor. No more than 8 credits used by the student to satisfy major requirements may be used in the minor.

Code	Title	Credits
Required Courses		
COMP 405 or COMP 415	Introduction to Web Design and Development Mobile Computing First and For Most	4
COMP 424	Applied Computing 1: Foundations of Programming	4
COMP 574	Applied Computing 2: Foundations of Machine Learning	4
Select two of the following		8
COMP 430	Systems Fundamentals	
COMP 500	Discrete Structures	
COMP 520	Database Design and Development	
COMP 525	Data Structures Fundamentals	
COMP 530	Machine and Network Architecture	
COMP 625	Data Structures and Algorithms	
Total Credits		20