

# 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.

## Requirements

### Academic policies related to Minors.

- 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   |
|--|---|-----------|
| <b>Required Courses</b>                |   |           |
| COMP 405                               | Introduction to Web Design and Development      | 4         |
| or COMP 415                            | Mobile Computing First and For Most             |           |
| COMP 424                               | Applied Computing 1: Foundations of Programming | 4         |
| COMP 525                               | Data Structures Fundamentals                    | 4         |
| Select two courses from the following: |   | 8         |
| COMP 430                               | Systems Fundamentals                            |           |
| COMP 500                               | Discrete Structures                             |           |
| COMP 520                               | Database Design and Development                 |           |
| COMP 530                               | Machine and Network Architecture                |           |
| COMP 625                               | Data Structures and Algorithms                  |           |
| <b>Total Credits</b>                   |   | <b>20</b> |