ACADEMIC CATALOG

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Artificial Intelligence, Minor



The Minor in Artificial Intelligence is designed for non-Computer Science majors to have significant exposure in fundamentals of computer science and the modern technical area of artificial intelligence, which can provide valuable knowledge and skill in the development of students' majors and for the job market.

All program-level Admissions and Progression Requirements are in addition to the <u>University of North Carolina at Charlotte Admission Requirements</u>.

Admission Requirements

Current UNC Charlotte Undergraduate Students

- See <u>University Admission Requirements</u>
- Minimum GPA: 2.0
- Students enrolled in a Computer Science major with a concentration other than Bioinformatics are not eligible to declare this minor.
- Students must have a background in mathematics and have completed one of the following courses:
 - MATH 1100 College Algebra (3) or MATH 1101 College Algebra with Workshop (4)
 - o MATH 1103 Precalculus Mathematics for Science and Engineering (3)
 - MATH 1120 Calculus (3)
 - MATH 1241 Calculus I (3)

Minor Requirements

The minor requires a minimum of 17 credit hours.

Core Courses (11 credit hours)

- <u>ITSC 1212 Introduction to Computer Science I</u> (4)
- ITSC 1213 Introduction to Computer Science II (4)
- ITSC 2214 Data Structures and Algorithms (4)

Concentration Course (3 credit hours)

• ITCS 3153 - Introduction to Artificial Intelligence (3)

Elective Course (3 credit hours)

Select one of the following:

- ITCS 3120 Introduction to Interactive Computer Graphics (3)
- ITCS 3134 Digital Image Processing (3)
- ITCS 4123 Visualization and Visual Communication (3)
- ITCS 4151 Intelligent Robotics (3)

Total = 17 Credit Hours

Progression Requirements

Students must receive a grade of C or above in all courses toward the minor.



UNIVERSITY OF NORTH CAROLINA

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