



ACADEMIC CATALOG

Undergraduate Catalog | 2025-2026

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# *Data Science, Minor*



The Minor in Data Science is designed for non-Computer Science majors to have significant exposure in fundamentals of computer science and the modern technical area of data science, 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 [University of North Carolina at Charlotte Admission Requirements](#).

## *Admission Requirements*

*Current UNC Charlotte Undergraduate Students*

- See University Admission Requirements
- 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)
  - MATH 1103 - Precalculus Mathematics for Science and Engineering (3)
  - MATH 1120 - Calculus (3)
  - MATH 1241 - Calculus I (3)

## ***Minor Requirements***

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The minor requires a minimum of 17 credit hours.

### ***Core Courses (11 credit hours)***

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

### ***Elective Concentration Courses (6 credit hours)***

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*Select two of the following:*

- ITCS 3162 - Introduction to Data Mining (3)
- ITCS 3190 - Introduction to Cloud Computing for Data Analysis (3)
- ITSC 3160 - Database Design and Implementation (3)

# ***Total = 17 Credit Hours***

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## ***Progression Requirements***

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

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***UNIVERSITY OF NORTH CAROLINA***

***ADDRESS***

9201 University City Blvd  
Charlotte, NC 28223

***PHONE***

704-687-8622



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