



ACADEMIC CATALOG

Undergraduate Catalog | 2025-2026

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# Bioinformatics and Genomics, Minor



Designed to introduce students to the collection, informatics analysis and interpretation of data derived from genomic and biological macromolecular investigations, the Minor in Bioinformatics and Genomics provides students with a foundation of understanding and the computing skill necessary to communicate in the increasingly data-centric life sciences. In addition to gaining first-hand experience with current technologies for high-throughput data generation, students will receive training in up-to-date methods for data handling and interpretation while developing an understanding of critical issues in bioinformatics research design, statistical data analysis, and the application of genomics domain knowledge.

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

# ***Admission Requirements***

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## ***Current UNC Charlotte Undergraduate Students***

- See University Admission Requirements
- Minimum GPA: 2.0
- Students enrolled in a Computer Science major with a concentration in Bioinformatics are not eligible to declare this minor.

## ***Minor Requirements***

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- BINF 1101 - Introduction to Bioinformatics and Genomics (4)
- BINF 2111 - Introduction to Bioinformatics Computing (4)
- BINF 3101 - Sequence Analysis (3)
- BINF 4600 - Bioinformatics and Genomics Seminar (1)
- BINF 3121 - Statistics for Bioinformatics (3)
- or BINF 4211 - Applied Data Mining for Bioinformatics (4)

## ***Total = 15 Credit Hours***

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***ADDRESS***

9201 University City Blvd  
Charlotte, NC 28223

***PHONE***

704-687-8622



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