

# BIOINFORMATICS MINOR

**Banner Code:** BNF

or IT 306

Data Structures and Algorithms in Java

**Academic Advising**

**Total Credits**

**19-20**

312 Colgan Hall  
Science and Technology Campus

Phone: 703-993-8400  
Email: [ssb@gmu.edu](mailto:ssb@gmu.edu)  
Website: [science.gmu.edu/academics/departments-units/systems-biology](https://science.gmu.edu/academics/departments-units/systems-biology)

This is an interdisciplinary minor consisting of required courses in biology, programming, statistics, and bioinformatics.

## Admissions & Policies

### Policies

Eight credits of coursework must be unique to the minor and students must complete all coursework with a minimum GPA of 2.00. For policies governing all minors, see AP.5.3.4 Minors (<https://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4>).

For policies governing all undergraduate programs, see AP.5 Undergraduate Policies (<https://catalog.gmu.edu/policies/academic/undergraduate-policies/>).

## Requirements

### Minor Requirements

Total credits: 19-20

Students should refer to the Admissions & Policies tab for specific policies related to this program.

Students must complete the following courses with a minimum GPA of 2.00.

### Coursework

Code	Title	Credits
BINF 401	Bioinformatics and Computational Biology I	3
BINF 402	Bioinformatics and Computational Biology II	3
BIOL 213	Cell Structure and Function	4
BIOL 482	Introduction to Molecular Genetics	3
STAT 250	Introductory Statistics I (Mason Core) ( <a href="https://catalog.gmu.edu/mason-core/">https://catalog.gmu.edu/mason-core/</a> )	3
or STAT 344	Probability and Statistics for Engineers and Scientists I	
CS 112	Introduction to Computer Programming (Mason Core) ( <a href="https://catalog.gmu.edu/mason-core/">https://catalog.gmu.edu/mason-core/</a> )	3-4