

BIOINFORMATICS MINOR

Banner Code: BNF

Academic Advising

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Science and Technology Campus

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Website: science.gmu.edu/academics/departments-units/systems-biology

This minor is an interdisciplinary program 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 AP5.3.4 Minors (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4>).

For policies governing all undergraduate programs, see AP5 Undergraduate Policies (<http://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 (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
BIOL 482	Introduction to Molecular Genetics	3
STAT 250	Introductory Statistics I (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
or STAT 344	Probability and Statistics for Engineers and Scientists I	
CS 112	Introduction to Computer Programming (Mason Core) (http://catalog.gmu.edu/mason-core/)	3-4

or IT 306	Data Structures and Algorithms in Java
Total Credits	19-20