

BIOINFORMATICS

Bioinformatics Minor (Minimum of 21 Credit Hours)

The bioinformatics minor provides students who have an interest in computation and biology the opportunity to explore this rapidly developing field while simultaneously exposing these students to additional coursework in math and computing.

Due to the prerequisite coursework required for these courses, it is expected that most students will simultaneously seek a bachelor of science degree in biology, mathematics, or chemistry.

Required Courses

Code	Title	Credits
CSC-151	Introduction to Programming I	3
CSC-152	Introduction to Programming II	3
MAT-124	Intermediate Applied Statistics	4
BIO-375	Math Modeling in Biology	3
BIO-350	Fundamentals of Genomics, Proteomics & Bioinformatics	3
BIO-351	Computational Biology	4
BIO-351L	Computational Biology Lab	0
BIO-499	Capstone Experience	0-2
Total Credits		20-22