

# Bioinformatics Major Electives

## Fall 2017

Course availability is subject to change



### Biological Options

BIOC	384	Fundamentals of Biochemistry (EEB or CS track)
BIOC	385	Metabolic Biochemistry
ECOL	326	Genomics (MCB, SysBio, or CS track)
ECOL	340	Evolution of Plant Form and Function
ECOL	418	Spatio-Temporal Ecology
ECOL	430	Conservation Genetics
ECOL	450	Marine Discovery
ECOL	474	Aquatic Plants and the Environment
ECOL	482	Ichthyology
ECOL	485	Mammalogy
ECOL	487R/L	Animal Behavior
ENTO	310	Living in Symbiosis
ENTO	415 R	Insect Biology
GEOS	439A	Introduction to Dendrochronology
MCB	325	The Biology of Cancer
MCB	340	Introduction to Biotechnology
MCB	422	Problem Solving with Genetic Tools
MIC	419	Immunology
MIC	421B	Microbiological Techniques
MIC	452	Antibiotics - A Biological Perspective
PLP	305	Introductory Plant Pathology
PLP	329A	Microbial Diversity
PLP	427R/L	General Mycology

### Mathematics Options

MATH	310	Applied Linear Algebra
MATH	313	Introduction to Linear Algebra
MATH	355	Analysis of Ordinary Differential Equations
MATH	413	Linear Algebra

### Computer Science Options

CSC	335	Object-Oriented Programming and Design
CSC	352	Systems Programming and Unix
CSC	401A	Symbolic Logic
CSC	444	Data Visualization
CSC	460	Database Design
ISTA	421	Introduction to Machine Learning

