

# Bioinformatics Minor 2018-2019 Curriculum Chart

## Mathematics & Statistics

**MATH 19A\***  
Calculus  
&  
**MATH 19B\***  
Calculus

OR

**MATH 11A**  
Calculus with  
Applications  
&  
**MATH 11B**  
Calculus with  
Applications

OR

**MATH 20A**  
Honors Calculus  
&  
**MATH 20B**  
Honors Calculus

**AMS 131**  
Probability Theory

AND

**AMS 132**  
Classical & Bayesian  
Inference

\*MATH 19A & 19B are preferred.

## Science

**CHEM 1A**  
General Chemistry

**BIOL 20A**  
Cell & Molecular  
Biology

**BIOE 20B**  
Development &  
Physiology

**BME 105**  
Genetics  
(Recommended)

OR

**BIOL 105**  
Genetics

## Programming

**BME 160/L**  
Research  
Programming

**BME 163**  
Applied Visualization  
and Analysis

## Bioinformatics

**BME 80G**  
Bioethics

OR

**BME 18**  
Sci Principles of Life

**BME 110**  
Computational  
Biology Tools

The bioinformatics minor is intended primarily for bioinformatics tool users who are majoring in a biological or chemical specialty. The bioinformatics minor is also appropriate for computer science or computer engineering majors who are considering graduate work in bioinformatics.

The bioinformatics minor cannot be combined with the biomolecular engineering and bioinformatics major.

**Bioinformatics Minor  
2018-2019 Curriculum Chart**

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Student Name:
Staff Advisor:
Faculty Advisor: