

## Bioinformatics Minor 2016-2017 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

OR

**CMPE 107**  
Probability & Statistics

AND

**AMS 132**  
Classical &  
Bayesian Inference

\*MATH 19A & 19B are preferred.

### Programming

**CMPS 12A/L**  
Intro to  
Programming  
(Accelerated)

OR

**CMPS 5J**  
Intro to Prog.  
in Java  
&  
**CMPS 11**  
Intermediate  
Programming

OR

**CMPE 12/L**  
Comp. Systems &  
Assembly Language  
&  
**CMPE 13/L**  
Comp. Systems &  
C Programming

**BME 160/L**  
Research  
Programming

### Bioinformatics

**BME 80G**  
Bioethics

**BME 110**  
Computational  
Biology Tools

### Science

**CHEM 1A**  
General Chemistry

**CHEM 1B/M**  
General Chemistry

**CHEM 1C/N**  
General Chemistry

**BIOL 20A**  
Cell & Molecular  
Biology

**BIOE 20B**  
Development &  
Physiology

**CHEM 8A**  
Organic Chemistry

**BIOC 100A**  
Biochemistry  
OR  
**CHEM 103**  
Biochemistry  
OR  
**BIOL 100**  
Biochemistry

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.

**Bioinformatics Minor  
2016-2017 Curriculum Chart**

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Student Name:
Staff Advisor:
Faculty Advisor: