

Bioinformatics Minor 2017-2018 Curriculum Chart

Mathematics & Statistics

MATH 19A*
Calculus
&
MATH 19B*
Calculus

OR

MATH 11A
Calculus w ith
Applications
&
MATH 11B
Calculus w ith
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
2017-2018 Curriculum Chart**

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Student Name: Staff Advisor: Faculty Advisor:
