

Bioinformatics Minor 2021-2022 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

*MATH 19A & 19B are preferred.

STAT 131
Probability Theory

AND

STAT 132
Classical &
Bayesian Inference

OR

STAT 206
Applied Bayesian
Statistics

Science

CHEM 1A
General Chemistry

BIOL 20A
Cell & Molecular
Biology

BME 105
Genetics
(Recommended)

OR

BIOL 105
Genetics

Programming

BME 160^Ω
Research
Programming

BME 163
Applied Visualization
and Analysis

^Ω Students with no prior programming experience are advised to take CSE 20

Bioinformatics

BME 110
Computational
Biology Tools

Bioethics

BME 80G/ PHIL 80G
Bioethics

OR

BME 18
Sci Principles of Life

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
2021-2022 Curriculum Chart**

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Student Name:
Staff Advisor:
Faculty Advisor: