UCSC Baskin School of Engineering
Bioinformatics Minor
Curriculum Chart
2004-2005

Math

MATH 19A
Calculus
or
MATH 19B
Calculus
or
MATH 23A
Multivariable Calculus

MATH 11A
Calculus
or
MATH 20A
Honors Calculus

MATH 11B
Calculus
or
MATH 20B
Honors Calculus

MATH 22
Calc of Several Variables
or
MATH 23A
Multivariable Calculus

CMPE 16 or 16H
Discrete Math

CMPE 107
or
AMS 131
Stochastic or Probability Theory

AMS 206
Bayesian Statistics

Science

CHEM 1B/M
General Chemistry
or
CHEM 1C/N
General Chemistry

CHEM 108A/L
Organic Chemistry
or
CHEM 112A/L
Org. Chem

CHEM 112B/M
Org. Chem

BIOL 20A
or
BIOL 21A
Cell & Molecular Biology

BIOL 20B
or
BIOL 21B
Development & Physiology

BIOC 100A or BIOL 100
Biochemistry

* Additional prerequisite courses required.

A bioinformatics minor may count any of the courses of the minor toward the fulfillment of the requirements of their major. Majors with substantial overlap with bioinformatics include biochemistry, chemistry, computer science, computer engineering, and molecular, cellular, and developmental biology.