UCSC Baskin School of Engineering
Bioinformatics Minor
Curriculum Chart
2005-2006

Math

- MATH 19A
  Calculus
- MATH 19B
  Calculus
- MATH 23A
  Multivariable Calculus

OR

- MATH 11A
  Calculus
- MATH 11B
  Calculus
- MATH 22
  Calc of Several Variables

OR

- MATH 20A
  Honors Calculus
- MATH 20B
  Honors Calculus
- MATH 23A
  Multivariable Calculus

Science

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

- CHEM 108A
  Organic Chemistry
  OR
  CHEM 112A
  Org. Chem

  (with the grade B or above)

Programming

- CMPS 13H
  Programming
  (Honors)

OR

- CMPS 12A/L
  Intro to Programming
- CMPS 12B/M
  Data Structures

Bioinformatics

- BME 80G
  or
  PHIL 145*
  Bioethics
  Genetics Ethics

COMPLETE TWO:

- AMS 162
  Computer Simulated Experience
- BME 109*
  Resource-Efficient Programming
- BME 110
  Computational Biology Tools
- BME 160/L
  Research Prog. For Bio & Bio Chem.
- BME 205
  Bioinformatics

Bioc 100A*  or  BIOL 100†
  Biochemistry

*Additional prerequisite courses required.

A bioinformatics minor may count any of the courses for the minor toward the fulfillment of the requirements of their major.

† Additional prerequisite of CHEM 108B/M or CHEM 112C/N waived if grade in prior course is B or above.
# UCSC BASKIN SCHOOL OF ENGINEERING

**BIOINFORMATICS MINOR**  
**DEGREE CURRICULUM**  
**2005-2006**

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**Student Name ____________________________________________**

**Student ID ______________________________________________**

**Staff Advisor’s Approval: _______________________________   Date: ___________**