INTRODUCTORY REQUIREMENTS

Calculus:
- MATH 11A (FWS) ___ + 11B (FWS) ___ + 22 (FWS) ___  
  OR MATH 19A (FWS) ___ + 19B (FWS) ___ + 22 (FWS) ___

Statistics:
- AMS 5 (FWS) ___ OR 7/L (FWS) ___

General Chemistry:
- CHEM 1A (FWS) ___ + 1B/M (FWS) ___ + 1C/N (FWS) ___

Biology:
- BIOL 20A (FWS) ___ + BIOE 20B (FWS) ___

Organic Chemistry:
- CHEM 112A/L (F) ___ + 112B/M (W) ___ + 112C/N (S) ___  
  OR CHEM 108A/L (FW) ___ + 108B/M (WS) ___ + 108C (optional)

Physics:
- PHYS 6A/L (FW) ___ + 6B/M (WS) ___ + 6C/N (FS) ___  
  OR PHYS 5A/L (F) ___ + 5B/M (W) ___ + 5C/N (S) ___

ADVANCED REQUIREMENTS 10 total plus comprehensive requirement

Biochemistry
- BIOC 100A/K (F) ___ + 100B (W) ___ + 100C (S) ___

Genetics:
- BIOL 105 (FWS) ___

Cell Biology:
- BIOL 110 (FS) ___

Eukaryotic Molecular Biology:
- BIOL 115 (WS) ___

Physical Chemistry:
- CHEM 163A (F) ___
  CHEM 163B (W) ___

Laboratory:
- ONE from the following...
  BIOC 110L Biochemistry Lab (S) ___
  BIOL 100L Biochemistry Lab (W) ___
  BIOL 105L Eukaryotic Genetics Lab (WS) ___
  BIOL 105M Microbial Genetics Lab (FS) ___
  BIOL 109L Yeast Molecular Genetics Lab (Not offered 2010-11) ___
  BIOL 110L Cell Biology Lab (S) ___
  BIOL 115L Eukaryotic Molecular Biology Lab (S) ___
  BIOL 119L Microbiology Lab (FWS) ___
  BIOL 121L Environmental Phage Biology Lab (F) ___
  BIOL 186L Undergraduate Research in MCD (FWS) ___
  BIOL 187L Biotechnology Lab (F) ___
  BME 122 Environmental Virus Bioinformatics (S) ___
  CHEM 195A Senior Research (FWS) ___
  CHEM 195B Senior Research (FWS) ___
  CHEM 195B Senior Research (FWS) ___

Disciplinary Communication: Successful completion of a laboratory elective.
NOTE: DC must be taken at UCSC.

COMPREHENSIVE REQUIREMENT (Senior Exit Requirement) _____________

For detailed information see:
http://undergrad.pbsci.ucsc.edu/programs/bioc/advising.html