INTRODUCTORY REQUIREMENTS

Calculus: MATH 11A (FWS) ___ + 11B (FWS) ___ OR MATH 19A (FWS) ___ + 19B (FWS) ___ OR AMS 15A (W) ___ + 15B (S) ___

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

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

Organic Chemistry: CHEM 108A/L (FW) ___ + 108B (WS) ___

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

Physics: PHYS 6A/L (FWS) ___ + 6B (WS) ___ OR PHYS 6A/L (FWS) ___ + 6C (FS) ___

ADVANCED REQUIREMENTS (8 total including 2 labs)

Biochemistry: BIOL 100/K (FS) ___ OR BIOC 100A/K (F) ___ + 100B (W) ___ + 100C (S) ___

Genetics: BIOL 105 (FWS) ___

Cell Biology: BIOL 110 (FS) ___

Eukaryotic Molecular Biology: BIOL 115 (WS) ___

Elective: THREE from the following...

BIOL 111A Immunology I (W) ___
BIOL 111B Immunology II (S) ___
BIOL 113 Endocrinology (S) ___
BIOL 114 Cancer Cell Biology (S) ___
BIOL 118 Biology of Disease (*) ___
BIOL 120 Development (W) ___
BIOL 125 Intro Neuroscience (F) ___
BIOL 126 Adv. Molecular Neuroscience (W) ___
BIOL 127 Neurodegenerative Disease (S) ___
BIOL 130/L Human Physiology (FW) (lab optional) ___
BIOL 140 Biophysics (S) ___
BIOL 140 Stem Cell Biology (W) ___
BIOL 178L Protocols in Stem Cell Biology (W) ___
BIOL 179 Biotechnology & Drug Development (W) ___
BIOL 180/L Programming for Biologists (S) ___
BIOL 181 Computational Biology Tools (FW) ___
BIOL 182 Genomics (F) ___
BIOC 100C Biochemistry (S) ___
BIOE 109 Evolution (FW) ___
BIOE 135/L Plant Physiology (W) ___
METX 119 Microbiology (FW) ___

Laboratory: ONE from the following...

BIOL 100L Advanced Biochemistry Lab (WS) ___
BIOL 105L Eukaryotic Genetics Lab (FWS) ___
BIOL 105M Microbial Genetics Lab (FWS) ___
BIOL 110L Cell Biology Lab (*) ___
BIOL 115L Eukaryotic Molecular Biology Lab (FWS) ___
BIOL 120L Development Lab (W13) ___
BIOL 121L Environmental Phage Biology Lab (W) ___
BIOL 186L Ungergraduate Research in MCD (FWS) ___
BIOL 187L Biotechnology Lab (F) ___
BIOC 110 Advanced Biochemistry Lab (S) ___
BME 122 Environmental Virus Bioinformatics (*) ___
METX 119L Microbiology Lab (FWS) ___

Disciplinary Communication: Successful completion of a laboratory elective. (Note: DC course must be taken at UCSC)

COMPREHENSIVE REQUIREMENT (Senior Exit Requirement) ______________

For more information see:
http://undergrad.pbsci.ucsc.edu/programs/mcdb/advising.html#exit