BIOLOGY B.A. - Bioeducation Concentration

INTRODUCTORY REQUIREMENTS

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

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) ___

Education: *EDUC 50C CalTeach 1: Science ___

Astronomy: ASTR 2 Overview of the Universe (FWS) ___ (optional)

Earth Sciences: EART 20/L Environmental Geology (S) ___ (optional)

ADVANCED REQUIREMENTS

Biochemistry:  BIOL 100 (FW) ___

Genetics:  BIOL 105 (FWS) ___

Ecology:  BIOE 107 (WS) ___

Evolution:  BIOE 109 (FWS) ___

Education: *EDUC 100C ___

Teaching Science: *EDUC 185C ___

CAL Teach 3 Science: *EDUC 185L ___

Diversity: ONE from the following...
          *EDUC 128 Immigrants and Education ___
          *EDUC 141 Bilingualism and Schooling ___
          *EDUC 164 Urban Education ___
          *EDUC 181 Race, Class and Culture in Education ___

Cell & Development: ONE from the following...
          BIOL 110 Cell Biology (FS) ___
          BIOL 115 Eukaryotic Molecular Biology (W) ___
          BIOL 120 Developmental Biology (W) ___
          METX 119 Microbiology (FS) ___

Physiology: ONE from the following...
          BIOE 131 Animal Physiology (W) ___
          BIOE 135/L Plant Physiology (W) ___
          BIOL 113 Mammalian Endocrinology (-) ___
          BIOL 130 Human Physiology (FW) ___

Laboratory: ONE upper-division 5-unit Lab course ___
          OR BIOE 131L Animal Physiology Lab (W) ___
          OR BIOE 135L Plant Physiology Lab (W) ___
          OR BIOL 130L Human Physiology Lab (FW) ___

Disciplinary Communication: Successful completion BIOE 107 Ecology and BIOE 109 Evolution

(Note: DC courses must be taken at UCSC.)

COMPREHENSIVE REQUIREMENT (Senior Exit Requirement): __________

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

*NOTE: Be sure to check prerequisites and timing of offerings for electives taught outside of the Biological Sciences