

NAME _____ Date _____
 ID# _____

(Quarter offered: F= Fall Quarter, W= Winter Quarter, S= Spring Quarter)

INTRODUCTORY REQUIREMENTS

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

OR MATH 19A (FWS) ___ + 19B (FWS) ___

General Chemistry: CHEM 1A (FW) ___ + 1B/M (WS) ___ + 1C/N (FS) ___

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

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

OR CHEM 112A/L (F) ___ + 112B/M (W) ___ + 112C/N (S) ___

Physics: PHYS 7A/L (W) ___ + 7B/M (S) ___

BioStatistics: AMS 7/L (FW) ___

ADVANCED REQUIREMENTS 9 total: 5 core plus 4 pathway including 1 lab/field course

Biochemistry: BIOL 100 (FS) ___ **OR** BIOE 100A (F) ___ + 100B (W) ___ + 100C (S) ___

Genetics: BIOL 105 (FWS) ___

Cell Biology: BIOL 110 (FS) ___

Intro Neuroscience: BIOL 125 (F) ___

Behavioral Ecology: BIOE 140 (F) ___

NEUROSCIENCE PATHWAY 4 courses

BIOL 115 Eukaryotic Molecular Biology (WS) ___

BIOL 126 Advanced Neuroscience (W) ___

Physiology/Psychology: choose ONE...

BIOL 130/L Human Physiology* (FWS) ___

PSYC 121 Perception ___

PSYC 123 Behavioral Neuroscience ___

Laboratory: choose ONE...

BIOL 100L Biochemistry Lab (FS) ___

BIOL 105L Eukaryotic Genetics Lab (FWS) ___

BIOL 109L Yeast Molecular Genetics Lab (F) ___

BIOL 110L Cell Biology Lab (W) ___

BIOL 111L Immunology Lab (S) ___

BIOL 115L Eukaryotic Molecular Lab (WS) ___

BIOL 120L Development Lab (W) ___

BIOL 128L Neural Genetics Lab (not offered 08-09) ___

BIOL 130/L Human Physiology* with lab (FWS) ___

BIOL 180/L Programming for Biologists with lab (W)

BIOL 181 Computational Biology Tools (WS) ___

BIOL 186L Undergraduate Research in MCD (FWS) ___

BIOL 187L Biotechnology Lab (F) ___

BEHAVIOR PATHWAY 4 courses

BIOL 113 Endocrinology (S)___

Behavior: choose ONE...

BIOE 112/L Ornithology (F09) ___

BIOE 114/L Herpetology (S10) ___

BIOE 129/L Marine Mammals (S) ___

BIOE 141L Behavioral Ecology Field Course* (W09) ___

BIOE 150 Ecological Field Methods (S09) ___

Physiology/Psychology: choose ONE...

BIOE 110/L Vertebrates* (not offered 08-09) ___

BIOE 122/L Invertebrates* (W) ___

BIOE 131/L Animal Physiology* (W) ___

BIOE 133/L Exercise Physiology (not offered 08-09) ___

BIOL 120 Development (W) ___

BIOL 130/L Human Physiology* (FWS) ___

PSYC 120A Cognitive Process ___

PSYC 121 Perception ___

PSYC 123 Behavioral Neuroscience ___

PSYC 133 Psychology & Evolutionary Theory ___

Laboratory: choose ONE...

BIOE 110/L Vertebrates* with lab (not offered 08-09) ___

BIOE 122/L Invertebrates* with lab (W) ___

BIOE 131/L Animal Physiology* with lab (W) ___

BIOE 141L Behavioral Ecology Field Course* (W09) ___

BIOE 150L Ecological Field Methods (S09) ___

BIOL 105L Eukaryotic Genetics Lab (FWS) ___

BIOL 130/L Human Physiology* with lab (FWS) ___

BIOL 180/L Programming for Biologists with lab (W)___

BIOL 181 Computational Biology Tools (WS) ___

BIOL 183L Undergraduate Research in EEB (FWS) ___

CMPS 12A Intro Programming ___

CMPS 12B Intro Data Structures ___

CMPS 60N Beginning Programming ___

*Courses appearing in more than one category can fulfill one requirement

COMPREHENSIVE REQUIREMENT (Senior Exit Requirement): _____

For more information see: <http://www.biology.ucsc.edu/advising/graduation/exit.html>

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