

Name: _____

Date: _____

(Quarter offered: F=Fall, W=Winter, S=Spring, *=Not offered this year)

ID#: _____

Note: All courses on check list must be taken for a letter grade

INTRODUCTORY REQUIREMENTS

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

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** AMS 7/L (FWS) ___

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

ADVANCED REQUIREMENTS (9 total, including 2 labs)

Biochemistry: BIOL 100/K (FS) ___

Genetics: BIOL 105 (FWS) ___

Cell Biology: BIOL 110 (FS) ___

Intro Neuroscience: BIOL 125 (F) ___

Adv Neuroscience BIOL 126 (W) ___

Electives: Three from the following...

BIOL 111A Immunology I (W) ___
 BIOL 111B Immunology II (S) ___
 BIOL 113 Mammalian Endocrinology (S) ___
 BIOL 115 Eukaryotic Molecular Biology (WS) ___
 BIOL 120 Developmental Biology (W) ___
 BIOL 127 Neurodegenerative Disease (*) ___
 BIOL 130/L Human Physiology (lab optional) (FW) ___
 BIOL 140 Biophysics (S) ___
 BIOL 178 Stem Cell Biology (W) ___
 BIOL 178L Protocols in Stem Cell Biology (W) ___
 BIOL 179 Biotechnology and Drug Development (W) ___
 BIOL 180/L Programming for Biologists (S) ___
 BIOL 181 Computational Biology Tools (FW) ___
 BIOL 182 Genomes (F) ___
 BIOE 131/L Animal Physiology (lab optional) (W) ___
 BIOE 140 Behavioral Ecology (F) ___
 **PSYC 121 Perception ___
 **PSYC 123 Cognitive Neuroscience ___

Laboratory: One 5-unit lab from the following...

BIOL 100L Advanced Biochemistry Lab (FWS) ___
 BIOL 105L Eukaryotic Genetics Lab (FWS) ___
 BIOL 110L Cell Biology Lab (S) ___
 BIOL 115L Eukaryotic Molecular Lab (FW) ___
 BIOL 120L Development Lab (W13) ___
 BIOL 121L Environmental Phage Biology Lab (F) ___
 BIOL 186L Undergraduate Research in MCD (FWS) ___
 BIOL 187L Molecular Biotechnology Lab (*) ___
 BIOE 141L Behavioral Ecology Field Course (*) ___
 BME 122 Environmental Virus Bioinformatics (*) ___

** Check prerequisites and quarters classes are offered with sponsoring department

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/mcdb/completing-the-major/senior-exit.html>

