HUMAN BIOLOGY B.S.  

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

Name: ___________________________  Date: ___________________________
ID#: ____________________________

NOTE: ALL courses on checklist MUST be taken for a letter grade

INTRODUCTORY REQUIREMENTS

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

General Chemistry: CHEM 1A (FWS) ___ + 1B*/M (FWS) ___ + 1C*/N (FWS) ___
Biology: BIOL 20A* (FWS) ___ + BIOE 20B* (FWS) ___ + BIOL 20L (FWS) ___

Organic Chemistry: CHEM 108A/L (FW) ___ + 108B/M (WS) ___ (109 optional)
Statistics: AMS 5 (FWS) ___ OR 7/L (FWS) ___  
Physics: PHYS 6A/L (FWS) ___ + 6C/N (FS) ___

SPANISH LANGUAGE REQUIREMENT

Spanish language to proficiency and Medical Spanish  
NOTE: Students are required to take the Spanish Placement Exam: http://language.ucsc.edu/placement/spanish.html

Spanish: SPAN 1 Intro Spanish (FWS) ___
SPAN 2 Intro Spanish (FWS) ___
SPAN 3 Intro Spanish (FWS) ___
SPAN 4 Intermediate Spanish (FWS) ___

Medical Spanish: SPAN 5M Medical Spanish (FWS) ___

ADVANCED REQUIREMENTS (7 total including an internship)

Biochemistry: BIOL 100 (FW) ___ OR BIOC 100A (F) ___ + 100B (W) ___ + 100C (S) ___
Molecular Biology: BIOL 101 (WS) ___ (BIOL 101L is not required for human biology majors)
Genetics: BIOL 105 (FWS) ___
Cell Biology: BIOL 110 (FS) ___
Human Physiology: BIOL 130/L (FW) ___

Electives: ONE from the following...
BIOL 126 Adv. Molecular Neuroscience (S) ___
BIOL 127 Neurodegenerative Disease (-) ___
METX 135/L Human Anatomy/Lab (S) ___
BIOL 140 Biophysics (S) ___
BIOL 178 Stem Cell Biology (W) ___
BIOL 179 Biotechnology & Drug Development (W) ___
BIOL 182 Genomes (FS) ___
METX 119 Microbiology (FW) ___

INTERNSHIP: BIOL 189/W Health Sciences Internship (FWS+Summer) _______
Must be approved by Internship coordinator, Caroline Berger.  
http://mcd.ucsc.edu/academics/human-biology/health-science-internship.html

DISCIPLINARY COMMUNICATION: Satisfied by successful completion of BIOL 130L and BIOL 189/W
NOTE: This requirement must be completed at UCSC.

COMPREHENSIVE REQUIREMENT (Senior Exit Requirement): _______
Satisfied by successful completion of the internship requirement
For more information on satisfying this requirement, visit:  
http://undergrad.pbsci.ucsc.edu/mcdb/completing-the-major/senior-exit.html

IMPORTANT: Medical schools and other professional school admissions requirements vary; students should verify that their coursework will satisfy the admissions requirements of the programs to which they plan to apply.

Qualification Policy:
Complete CHEM 1B, CHEM 1C, BIOL 20A, and BIOE 20B with grades of C or better and cumulative GPA of 2.30 or higher. No more than one failing grade in the qual courses allowed.