HUMAN BIOLOGY B.S.  2012/13

Name: ___________________________  Date: ___________________________

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

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

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.

**INTRODUCTORY REQUIREMENTS**

**Calculus:**
- MATH 11A (FWS) ___ + 11B (FWS) ___ + 22 (WS) ___
- OR MATH 19A (FWS) ___ + 19B (FWS) ___ + 22 (WS) ___
- OR AMS 15A (W) ___ + 15B (S) ___ + MATH 22 (WS) ___

**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) ___ + 6B/M (WS) ___ + 6C/N (FS) ___

**SPANISH REQUIREMENT**

Spanish language to proficiency and Medical Spanish
Spanish Placement Exam required before beginning Spanish
(http://language.ucsc.edu/undergraduate/spanish/placement_spanish.php)

**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 courses total plus internship requirement)

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

**Genetics:**
- BIOL 105 (FWS) ___

**Cell Biology:**
- BIOL 110 (FS) ___

**Physiology:**
- BIOL 130/L (lab required) (FW) ___

**Electives:** THREE from the following...

- Bio 133/L Exercise Physiology (*) ___
- BIOL 111A Immunology I (W) ___
- BIOL 111B Immunology II (S) ___
- BIOL 113 Endocrinology (S) ___
- BIOL 114 Cancer Cell Biology (S) ___
- BIOL 115 Eukaryotic Molecular Biology (WS) ___
- BIOL 120 Development (W) ___
- BIOL 125 Intro Neuroscience (F) ___
- BIOL 126 Adv. Molecular Neuroscience (W) ___

**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:** Successful completion of BIOL 130L AND BIOL 189/W
(Note: **DC courses must be taken at UCSC**)

**COMPREHENSIVE REQUIREMENT** (Senior Exit Requirement): ____________

A passing grade in BIOL 189 satisfies the comprehensive requirement
For more information see:
http://undergrad.pbsci.ucsc.edu/programs/mcdb/advising.html#exit