

Name: _____

Date: _____

ID#: _____

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

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

LOWER DIVISION 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) ___

*Limited enrollment capacity for 2017-2018

Organic Chemistry: CHEM 8A/L (FW) ___ + 8B/M (WS) ___ (109 optional)

Statistics: AMS 5 (FWS) ___ **OR** 7/L (FWS) ___

Physics: PHYS 6A/L (FWS) ___ + 6B (WS) ___ **OR** PHYS 6A/L (FWS) ___ + 6C (FS) ___

OR PHYS 7A*(F)___+7B (W)___+6L (FWS)___ *Concurrent enrollment with PHYS 6L required

Note: PHYS 7A/B and 6L will not satisfy prerequisites for admission to most medical schools

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) ___

UPPER DIVISION REQUIREMENTS (7 total including an internship)

Biochemistry &

Molecular

Biology: BIOL 100 (FW) ___ + BIOL 101(WS) **OR** BIOC 100A (F) ___ + 100B (W) ___ + 100C (S) ___

(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: Minimum 10 credits of upper division coursework

All courses listed are 5 credits unless otherwise noted.

BIOL 133/L Exercise Physiology (S) ___

BIOL 111A Immunology I (W) ___

BIOL 111B Immunology II (-) ___

BIOL 112 Virology (3 units) (W) ___

BIOL 114 Cancer Cell Biology (S) ___

BIOL 115 Eukaryotic Molecular Biology (S) ___

BIOL 116 Advanced Topics in Cell Biology (3 units) (S) ___

BIOL 117 Global Health & Neglected Diseases (3 units)(W) ___

BIOL 120 Developmental Biology (W) ___

BIOL 125 Intro Neuroscience (FS) ___

BIOL 126 Advanced Molecular Neuroscience (S) ___

BIOL 127 Mechanisms of Neurodegenerative Disease (-) ___

BIOL 128 Developmental Neurobiology (W) ___

BIOL 188 A Life in Medicine (3 units) (F)

BME 130 Genomes (F) ___

BME 155 Biotechnology & Drug Development (-) ___

BME 178 Stem Cell Biology (-) ___

CMMU 163 Health Care Inequalities (F) ___

METX 119 Microbiology (FS) ___

METX 135/L Anatomy of the Human Body (S) ___

PHYS 180 Biophysics (S) ___

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 (DC): Satisfied by successful completion of BIOL 130L and BIOL 189/W

This requirement must be completed at UCSC. Note: The Academic Advising Report may not reflect current DC requirements.

Check-in with an MCD Biology adviser about fulfilling this requirement.

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/mcldb/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.

*Course offerings are subject to change.

Please refer to course offerings for updates:

<https://undergrad.pbsci.ucsc.edu/enrollment/biol/catalog.php>

Qualification Policy:

Complete CHEM 1A, CHEM 1B, CHEM 1C, BIOL 20A, BIOL 20L, and BIOE 20B with grades of C+ or better. No more than one non-passing grade in the qualifying courses is accepted. All qualification courses must be completed by the 6th quarter deadline.