



NAME _____ ID# _____ Date _____

GENERAL EDUCATION REQUIREMENTS

English Composition*

ENGL 101 or 107 3 _____

ENGL 102 or 108 3 _____

OR

ENGL 109H 3 _____

Second Language

2nd semester proficiency** _____

Mathematics

MATH 113: Elements of Calculus 3 _____

MATH 122A+B, 125, or 129 may also fulfill this requirement

Individuals & Societies (3 courses)***

Tier One (150A, B or C) 3 _____

Tier One (150A, B or C) 3 _____

Tier Two Individuals & Societies 3 _____

Traditions & Cultures/Humanities (3 courses)**_

Tier One (160A, B, C or D) 3 _____

Tier One (160A, B, D or D) 3 _____

Tier Two Humanities 3 _____

Tier Two Art (3 units total)

_____ 3 _____

Diversity Emphasis Course

One course required. May be double-dipped with approved

Tier I or II courses _____

Natural Sciences

Requirement satisfied by BSPS major coursework.

BSPS FOUNDATION COURSES

Chemistry (General & Organic, with labs)*

CHEM 151 OR (161+163) OR (141+143) 4 _____

CHEM 152 OR (162+164) OR (142+144) 4 _____

CHEM (241A OR 242A) & 243A 3 _____ 1 _____

CHEM (241B OR 242B) & 243B 3 _____ 1 _____

Introductory Biology, with lab*

MCB 181R & 181L 3 _____ 1 _____

Microbiology, with lab

MIC 205A & 205L 3 _____ 1 _____

Physics, with lab

PHYS 102 & 181 3 _____ 1 _____

Physiology

PSIO 380 4 _____

OR

PSIO 201* 4 _____

PSIO 202 4 _____

PSIO 201 + 202 option is required for PharmD admission

Biochemistry

BIOC 384 3 _____

BIOC 385 or 462B can also fulfill this requirement

PHARMACEUTICAL SCIENCES CORE

PCOL 305: Scientific Writing for Health Sciences..... 3 _____

PCOL 310: Drug Approval: The 3 Billion Dollar Bet..... 2 _____

PCOL 350: ADME: How the Body Changes Drugs..... 3 _____

PCOL 355: Drug Delivery Systems..... 3 _____

PCOL 390: Biomarkers: Analysis of Drug Effect/Tox... 3 _____

PCOL 406: Comprehensive Human Pharmacology..... 5 _____

PCOL 410: Integrated Medicinal Chemistry..... 5 _____

PCOL 440: Rigor & Reproducibility..... 2 _____

PCOL 473: Pharmacogenomics..... 3 _____

PHCL 460: Designing Drugs: From Chemistry to Cure.. 3 _____

UNIVERSITY REQUIREMENTS:

2.00+ cumulative GPA _____ 2.00+ major GPA _____

120 total units _____ 42 upper division units _____

*Required courses for the BSPS do not add up to 120/42 units. All students need some upper division and general electives.

MCWA complete _____ Final 18 of 30 units complete _____

30+ total UA units _____ 18+ PCOL units at UA _____

ADDITIONAL REQUIREMENTS FOR MEDICAL AND PHARMACY SCHOOL

Most medical and pharmacy schools require the following additional courses, but individual schools may have even more requirements. Check each school of interest for details.

Pre-Med students should add the following courses to their BSPS plan:

PHYS 103&182 _____ PSY 150A1 (as a Tier I INDV) _____

Stats (MATH 263) _____ Biology II (ECOL 182R+182L) _____

UA Pre-PharmD students must add the following courses to the BSPS plan:

Statistics _____ PSIO 201 + 202 in lieu of PSIO 380 _____

*MATH, CHEM, MCB, and PSIO courses must be completed with minimum C average in order to gain Advanced Standing in the major. Other major requirements apply. Several major courses require Advanced Standing.

**Language proficiency may be fulfilled by successfully completing a course at the 2nd semester level or higher, or by placing into 3rd semester or higher on a proctored placement exam.

***Honors students may choose to take two Tier II INDV and one Tier I INDV, and/or two Tier II HUMS + one Tier I TRAD in lieu of the options outlined above. The same number of courses are required for honors and non-honors students, but honors students may place more emphasis on Tier II courses.