

NAME

ID#

Date

## GENERAL EDUCATION REQUIREMENTS

### Introduction to General Education

UNIV 101 ..... 1

### English Composition\*

ENGL 101 or 107 ..... 3

ENGL 102 or 108 ..... 3

OR

ENGL 109H ..... 3

### Second Language

2<sup>nd</sup> semester proficiency.....

### Mathematics

MATH 113, 119, 122B, or 125 ..... 3

### Exploring Perspectives (4 courses)

Artist..... 3

Humanist ..... 3

Social Scientist ..... 3

Natural Scientist .....fulfilled with CHEM 151..... 3

### Building Connections (3 courses)

Course #1..... 3

Course #2 ..... 3

Course #3 ..... 3

### General Education Portfolio

UNIV 301 ..... 1

Minimum 32 total General Education Units Required

## BSPS FOUNDATION SCIENCE 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

### Physiology

PSIO 380 ..... 4

OR

PSIO 201 ..... 4

PSIO 202 ..... 4

*PSIO 201 + 202 option is required for PharmD admission*

### Physics, with lab

PHYS 102 & 181 ..... 3 1

### Biochemistry

BIOC 384, 385, or 462A ..... 3

## PHARM SCI MAJOR Requirements

### CORE REQUIREMENTS – Complete all 6

PCOL 200: Drugs & Humanity..... 3

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 406: Comprehensive Human Pharmacology..... 5

PCOL 410: Medicinal Chemistry..... 4

### SUB-CORE REQUIREMENTS – Choose 2

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

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

PCOL 473: Pharmacogenomics..... 3

PCOL 488: Drug Hunting for Beginners..... 3

### MAJOR ELECTIVES – Choose at least 3

PCOL 300: Pharmacology of Cosmetics..... 3

PCOL 313: Therapeutics of Longevity & Ageing..... 3

PCOL 320: Toxicology..... 3

PCOL 405: Pharmaceutical Science Techniques..... 3

PCOL 418: Science of Natural Products in Medicine. 3

PCOL 429: Neuropsychopharmacology..... 3

PCOL 434: Pharmacology of Sex..... 3

PCOL 436: Cardiovascular Pharmacology..... 3

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

PCOL 445: OTC Drug Information..... 3

PCOL 465: Infectious Disease Pharmacology..... 3

PCOL 467: Pharmacology of Anti-Cancer Drugs..... 3

Extra "Sub-Core" courses may count as major electives

\_\_\_\_\_ 3

\_\_\_\_\_ 3

### UNIVERSITY REQUIREMENTS:

2.00+ cumulative GPA \_\_\_\_ 2.00+ major GPA \_\_\_\_

120 total units \_\_\_\_ 42 upper division units \_\_\_\_

*All students need some elective credit to reach unit requirements*

MCWA complete \_\_\_\_ 30+ total UA units \_\_\_\_

### ADDITIONAL REQUIREMENTS FOR MEDICAL AND PHARMACY SCHOOL

Most schools require the following 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 Soc Sci gen ed) \_\_\_\_

Stats (MATH 263/BIOS 376) \_\_\_\_ 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