

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

☐ 2nd 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 OR PHYS 110 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: Human ADME and Toxicology 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 of Substances Around Us 3 ____

☐ PCOL 405: Pharmaceutical Science Techniques 3 ____

☐ PCOL 416: Evolutionary Pharmacognosy 3 ____

☐ PCOL 418: Science of Natural Products in Medicine. 3 ____

☐ PCOL 420: Environmental Toxicology 3 ____

☐ PCOL 427: Dermatological Pharmacology 3 ____

☐ PCOL 429: Neuropsychopharmacology 3 ____

☐ PCOL 434: Pharmacology of Sex 3 ____

☐ PCOL 436: Cardiovascular Pharmacology 3 ____

☐ PCOL 440: Science Fact or Science Fiction? 2 ____

☐ PCOL 445: OTC Drug Information 3 ____

☐ PCOL 451: Intro to Forensic Toxicology 3 ____

☐ PCOL 465: Infectious Disease Pharmacology 3 ____

☐ PCOL 467: Pharmacology of Anti-Cancer Drugs 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

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 ____