

NAME

ID#

Date

GENERAL EDUCATION REQUIREMENTS

Introduction to General Education

UNIV 101 1 ____

English Composition*

WRIT 101 or 107 3 ____

WRIT 102 or 108 3 ____

OR

WRIT 109H 3 ____

Second Language

2nd semester proficiency ____

Mathematics – fulfilled by major math requirement

Exploring Perspectives (4 courses)

Artist 3 ____

Humanist 3 ____

Social Scientist 3 ____

Natural Scientist *fulfilled with CHEM 151* 3 ____

Building Connections (2 courses)

Course #1 3 ____

Course #2 3 ____

Civic Institutions

Course #1 3 ____

General Education Portfolio

UNIV 301 1 ____

Minimum 32 total General Education Units Required

BSPS FOUNDATION STEM COURSES

Calculus

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

Chemistry (General & Organic, with labs)

CHEM 151 OR (161+163) 4 ____

CHEM 152 OR (162+164) 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 110 4 ____

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 ____

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 ____

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