

# PROGRAM ON PRE-PHARMACY - PHPH

## CORE COURSES

Code	Title	Credits
MATH 131 or MATH 133	Calculus I Theory and Application of Calculus	4
BIO 155	Foundations of Molecular Biology	2
BIO 156	Foundations of Ecology and Evolution	2
BIO 157	Foundations of Cellular Biology	2
BIO 158	Foundations of Form and Function	2
BIO 221	Introduction to Genetics	3,4
BIO 317	Microbiology	4
BIO 318	Immunology	3
BIO 321	Comparative Vertebrate and Human Anatomy	4
BIO 340	Medical Terminology	2
CHEM 121 & CHEM 122	Principles of Chemistry I and Principles of Chemistry II	8
CHEM 221 & CHEM 222	Organic Chemistry I and Organic Chemistry II	6
CHEM 324	Biochemistry (no lab)	3
SOC 153 or SOC 203 or SOC 257	Sociological Imaginations Social Problems Sociology of Families	3
PSYC 156 or PSYC 157	Introduction to Psychology: Culture and Systems Introduction to Psychology: Science for the Citizen	3
PSYC 305	Lifespan Developmental Psychology	3
PSYC 326	Abnormal Psychology	3
PHYS 121 & PHYS 122 or PHYS 111 & PHYS 112	General Physics I: Mechanics and Waves and General Physics II: Temperature, Electricity, and Light College Physics I: Mechanics and Waves and College Physics II: Temperature, Electricity, and Light	8
MATH 114 or PSYC 324	Introduction to Statistics Statistics in Psychology	3
English Courses: 2 classes in ENLT or ENWR at 100, 200, 300, or 400 level		
<b>Suggested:</b>		
GRE/PCAT and Application preparation course: 1 class in SPLL390		
COMM 103	Introduction to Communication	3
ECON 251 or ECON 252	Principles of Macroeconomics Principles of Microeconomics	3
40 hours of professional exploration in two pharmacy practice settings addressing the needs to two distinct populations		
<b>Total Credits</b>		<b>74-75</b>

Note: Students may need other courses for specific programs of interest.

It is up to the student to identify programs and make their advisor aware of extra courses needed as early as possible.