



ROOSEVELT UNIVERSITY
COLLEGE OF PHARMACY

Roosevelt University Pre-Pharmacy Requirements	Glen Oaks Community College Course Equivalents
General Biology with Laboratory	BIO 121 – General Biology I
	BIO 122 – General Biology II
Anatomy and Physiology with Laboratory	BIO 210 – Human Anatomy and Physiology I
	BIO 211 – Human Anatomy and Physiology II
General Chemistry with Laboratory	CHEM 133 – General Chemistry I
	CHEM 134 – General Chemistry II
Organic Chemistry with Laboratory	CHEM 210 Organic Chemistry I
	CHEM 211 Organic Chemistry II
Calculus I	MATH 161 – Calculus I & Analytic Geometry
Physics I	PHYS 251 Physics I
English Composition I	ENG 121 – English Composition I
English Composition II	ENG 122 – English Composition II
Speech Communication	COM 150 – Public Speaking
Economics (micro or macro)	ECON 203 – Principles of Economics (Micro) OR ECON 204 – Principle of Economics (Macro)
Statistics (general or biostatistics)	MATH 201 – Introduction to Statistics
Humanities (no studio or performance)	e.g., Art, Philosophy, Literature
Social and Behavioral Sciences	e.g., Psychology, Sociology, Anthropology, Political Science

CHEM 210 Organic Chemistry I

This is a general organic chemistry course covering nomenclature, physical properties, and reactions involving alkanes, alkenes, alkynes, cyclics, alkyl halides and dienes.

CHEM 211 Organic Chemistry II

This is the second semester organic chemistry course covering organometallic reactions, radical reactions of alkanes, reactions of benzene and substituted benzenes, reactions involving carbonyls, oxidation-reduction reactions, and reactions of heterocyclic compounds.

PHYS 251 Physics I 5 credit/7 contact class. (this class does have a lab component)

This is the first semester of calculus-based physics that covers the laws of motion, work and energy.