

Roosevelt University Pre-Pharmacy Requirements	California State University - Fresno Course Equivalents
General Biology I with Laboratory	BIOL 1A – Introductory Biology
General Biology II with Laboratory	BIOL 1B – Introductory Biology AND BIOL 1BL – Introductory Biology Laboratory
Anatomy and Physiology I with Laboratory	BIOL 64 – Functional Human Anatomy AND BIOL 65 – Human Physiology
Anatomy and Physiology II with Laboratory	N/A
Microbiology	BIOL 120 – Microbiology
General Chemistry I with Laboratory	CHEM 1A – General Chemistry 1A
General Chemistry II with Laboratory	CHEM 1B – General Chemistry 1B
Organic Chemistry I with Laboratory	CHEM 128 A – Organic Chemistry AND CHEM 129 A – Organic Chemistry Laboratory
Organic Chemistry II with Laboratory	CHEM 128 B – Organic Chemistry AND CHEM 129 B – Organic Chemistry Laboratory
Calculus I	MATH 75 – Calculus I
Physics I with Laboratory	PHYS 2A – General Physics
English Composition I	ENGL 5A – Academic Literacy I
English Composition II	ENGL 5B – Academic Literacy II
Speech Communication	COMM 3 – Fundamentals of Public Communication
Economics (micro or macro)	ECON 40 – Principles of Microeconomics OR ECON 50 – Principles of Macroeconomics
Statistics (general or biostatistics)	MATH 108 – Statistics
Humanities (no studio or performance)	e.g., Art, Philosophy, Literature
Social and Behavioral Sciences	e.g., Psychology, Sociology, Anthropology, Political Science