**PharmD Prerequisites**

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| **Harper College**  **Courses** | **Roosevelt University**  **Course Equivalents** |
| ENG 101 Composition (3 credits) | ENG 101 Comp I: Critical Read & Writing |
| ENG 102 Composition (3 credits) | ENG 102 Comp II: Intro to Academic Research |
| SPE 101 Fundamentals of Speech Communication (3 credits) | COMM 101 Public Speaking |
| **Completion of a two-semester general biology sequence:**  BIO 115 Fundamentals of Cellular Biology w/Lab (4 credits) | BIOL 201 Organismic Biology  &  BIOL 202 Ecology, Evolution, & Genetics |
| BIO 116 Fundamentals of Organismal Biology w/lab (4 credits) |  |
| **Completion of both these courses:**  BIO 260 Human Anatomy w/Lab (4 credits) | BIOL 123 Anatomy & Physiology I  & |
| BIO 261 Human Physiology w/Lab (4 credits) | BIOL 124 Anatomy & Physiology II |
| CHM 121 General Chemistry I w/Lab (5 credits) | CHEM 201 General Chemistry I |
| CHM 122 General Chemistry II w/Lab (5 credits) | CHEM 202 General Chemistry II |
| CHM 204 Organic Chemistry I w/Lab (5 credits) | CHEM 211 Organic Chemistry I |
| CHM 205 Organic Chemistry II w/Lab (5 credits) | CHEM 212 Organic Chemistry II |
| PHY 121 Introductory Physics I w/Lab (5 credits) | PHYS 201 Intro to Non-Calc Physics I (Lecture) |
| MTH 200 Calculus I (5 credits) | MATH 231 Calculus I |
| MTH 165 Elementary Statistics (3 credits) | MATH 217 Elementary Statistics |
| ECO 212 Macroeconomics (3 credits)  Or  ECO 211 Microeconomics (3 credits) | ECON 101 Principles of Economics I  OR  ECON 102 Principles of Economics |
| Humanities/Social and Behavioral Science (9 semester hours) | e.g. Art, Philosophy, Literature, Music  e.g. Psychology, Sociology |