



**Prerequisite Equivalents at  
Johns Hopkins University**

<u>School of Pharmacy</u>	<u>Sem Hrs</u>	<u>Qtr Hrs</u>	<u>Johns Hopkins University</u>	<u>Sem Hrs</u>
English Composition I	3	3	060.107.01 Introduction to Literary Study	3
English Composition II	3	3	060.114 Expository Writing	3
Speech/Public Speaking	3	4	661.110 Professional Communication for Business, Science & Industry	3
General Chemistry I	4	6	030.101 Introductory Chemistry II (w/lab)	4
General Chemistry II	4	6	030.102 Introductory Chemistry (w/lab)	4
Calculus	3	4	110.106 Calculus I	3
Physics	3	4	171.101 General Physics for Physical Science Majors I	
Principles of Biology I	4	6	020.151 (N) General Biology I (w/lab)	4
Principles of Biology II	4	6	020.152 General Biology II (w/lab)	4
Organic Chemistry I	4	6	030.205 Introductory Organic Chemistry I (w/lab)	4
Organic Chemistry II	4	6	030.206 Introductory Organic Chemistry II (w/lab)	4
Human Anatomy & Physiology I	4	6	020.374 Comparative Animal Physiology (w/lab)	4
Human Anatomy & Physiology II	4	6	020.375 Human Anatomy (w/lab)	4
Microbiology	4	6	020.329 The Microbial World	3
Economics	3	4	180.101 Elements of Macroeconomics <b>OR</b> 180.102 Elements of Microeconomics	
Statistics	3	4	550.391 Applied Mathematics & Statistics: Dynamical Systems <b>OR</b> 280.345 Public Health Biostatistics <b>OR</b> 550.111 Statistical Analysis I <b>OR</b> 550.111 Statistical Analysis II <b>OR</b> 550.211 Probability and Statistics for the Life Sciences	3 4 4 4
Ethics	3	4	150.219 Introduction to Bioethics	4
Psychology/Political/Social Science	6	9		
General Education Electives	6	9		