



UNIVERSITY OF CHARLESTON

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UNIVERSITY OF CHARLESTON SCHOOL OF PHARMACY PRE- PHARMACY PREREQUISITE COURSEWORK EQUIVALENCE CHART for Marshall University

The chart below provides potential University of Charleston School of Pharmacy applicants with a listing of courses that are acceptable equivalence for required pre-pharmacy prerequisite coursework. This chart is intended to assist students as they determine what courses to select and register to meet University of Charleston School of Pharmacy's application requirements. Students are strongly encouraged to discuss the following chart with their academic advisor to ensure that all pre-requisite and co-requisite coursework is completed by the applicant. The Office of Professional and Student Affairs encourages electronic or telephone communication for clarification of pre-requisite coursework required by the School of Pharmacy at the University of Charleston.

University of Charleston School of Pharmacy Pre-Requisite Coursework	Credit Hours	Marshall Course	Credit Hour	Comments
MATH REQUIREMENTS				
Algebra/Introductory Calculus	3	MTH 130 plus 122 or MTH 132		
Calculus	3	MTH 140 or MTH 229		
Statistics	2	MTH 225 or BSC 417		
SCIENCE REQUIREMENTS				
General Biology	8	BSC 120 & 121		
Human Anatomy & Physiology	8	BSC 227 & 228		
Microbiology with lab	4	BSC 250 or 302 plus 304		
General Chemistry with lab	8	CHM 211, 217 & 212, 218		
Organic Chemistry with lab	4	CHM 355, 356 and 361		
Physics with lab	4	PHY 201 and 202		
SOCIAL SCIENCE REQUIREMENTS				
Economics	3	ECN 250		Will accept micro or macro economics
English composition	6	ENG 101 or 102		
Ethics	3	IST 442, PHL 302, PHL 303		Bioethics, Applied Ethics, Ethics
History or Political Science	3	Any history or political science course		
Psychology or Sociology	3	PSY 201 or SOC 200		