

PRE-MEDICINE, CERTIFICATE

Curriculum

Course	Title
Required Courses	
BIOL_SCI 201-CN	Molecular Biology
BIOL_SCI 202-CN	Cell Biology
BIOL_SCI 203-CN	Genetics and Evolution
BIOL_SCI 232-CN	Molecular and Cellular Processes Laboratory
BIOL_SCI 233-CN	Genetics and Molecular Processes Laboratory
BIOL_SCI 234-CN	Investigative Laboratory
BIOL_SCI 308-CN	Biochemistry
CHEM 110-CN	Quantitative Problem Solving in Chemistry
CHEM 131-CN & CHEM 141-CN	Fundamentals of Chemistry I and Fundamentals of Chemistry Laboratory I
CHEM 132-CN & CHEM 142-CN	Fundamentals of Chemistry II and Fundamentals of Chemistry Laboratory II
CHEM 215-A & CHEM 235-A	Organic Chemistry I and Organic Chemistry Lab I
CHEM 215-B & CHEM 235-B	Organic Chemistry II and Organic Chemistry Lab II
PHYSICS 130-A & PHYSICS 131-A	College Physics I and Physics Laboratory I
PHYSICS 130-B & PHYSICS 131-B	College Physics II and Physics Laboratory II
PHYSICS 130-C & PHYSICS 131-C	College Physics III and Physics Laboratory III
PRO_HLTH 396-A	Professional Health Careers Proseminar I ¹
PRO_HLTH 396-B	Professional Health Careers Proseminar II (* Elective course) ¹
Required Elective Course 1	
Required Elective Course 2	
Required Elective Courses	
Students are required to take two electives to customize their program to medical school requirements. Choose from the following elective options:	
BIOL_SCI 310-CN	Human Physiology
BIOL_SCI 312-DL	The Evolutionary Biology of Human Anatomy, Health, and Disease
BIOL_SCI 313-CN	Human Anatomy
BIOL_SCI 328-CN	Microbiology
BIOL_SCI 355-DL	Immunobiology
CHEM 215-C & CHEM 235-C	Organic Chemistry III and Organic Chemistry Lab III
ENGLISH 111-CN	Writing Seminar II
ENGLISH 205-CN	Intermediate Composition
KINS 237-CN	Foundations of Human Movement
MATH 220-A	Single-Variable Differential Calculus
MATH 220-B	Single-Variable Integral Calculus
PRO_HLTH 390-DL	Interprofessional Health Practice
PSYCH 110-CN	Introduction to Psychology
SOCIOL 302-DL	Sociology of Organizations
SOCIOL 303-DL	Analysis and Interpretation of Social Data
STAT 202-DL	Introduction to Statistics and Data Science

¹ These non-credit seminar courses are required for students beginning the program in or after Summer 2017. These courses are offered free of charge to students in the Professional Health Careers program.