

# PREMEDICINE, CERTIFICATE

## Curriculum

Course	Title
<b>Required Courses</b>	
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 <sup>1</sup>
PRO_HLTH 396-B	Professional Health Careers Proseminar II (* Elective course ) <sup>1</sup>
Required Elective Course 1	
Required Elective Course 2	
<b>Required Elective Courses</b>	
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
CHEM 215-C & CHEM 235-C	Organic Chemistry III and Organic Chemistry Lab III
KINS 237-CN	Foundations of Human Movement
PRO_HLTH 390	Careers in Professional Health

<sup>1</sup> 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.