

# PREMEDICINE, CERTIFICATE

## Curriculum

Course	Title
<b>Required Courses</b>	
BIOL_SCI 215-CN	Genetics and Molecular Biology
BIOL_SCI 217-CN	Physiology
BIOL_SCI 219-CN	Cell Biology
BIOL_SCI 220-CN	Genetic and Molecular Processes Laboratory
BIOL_SCI 221-CN	Cellular Processes Laboratory
BIOL_SCI 222-CN	Investigative Lab
BIOL_SCI 308-CN	Biochemistry
CHEM 110-CN	Quantitative Problem Solving in Chemistry
CHEM 131-CN & CHEM 141-CN	General Chemistry 1 and General Chemistry 1 Lab
CHEM 132-CN & CHEM 142-CN	General Chemistry 2 and General Chemistry Lab 2
CHEM 210-A	Organic Chemistry
CHEM 210-B & CHEM 230-B	Organic Chemistry and Organic Chemistry II Laboratory
CHEM 210-C & CHEM 230-C	Organic Chemistry III and Organic Chemistry III Laboratory
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 <sup>1</sup>
<b>Elective Courses</b>	
In addition to the program requirements, premedicine students have the option to take any of the courses offered at SPS. Many premedicine students take courses such as the following, especially during their glide year in which they are preparing and submitting their applications. Elective courses are <b>not</b> eligible for financial aid, based upon federal financial aid requirements.	
BIOL_SCI 302-DL	Fundamentals of Neurobiology
BIOL_SCI 312-CN	The Evolutionary Biology of Human Anatomy, Health and Disease
BIOL_SCI 313-DL	Human Anatomy
BIOL_SCI 315-CN	Advanced Cell Biology
BIOL_SCI 316-CN	Human Structure and Function
BIOL_SCI 317-CN	Regional Human Anatomy Lab
BIOL_SCI 327-CN	Biology of Aging
BIOL_SCI 328-CN	Microbiology
BIOL_SCI 342-CN	Evolutionary Processes

<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.