

# POST-BACCALAUREATE CERTIFICATE

PHYS 1146  
& 1146L

General Physics for Life Sciences II  
and General Physics for Life Sciences II  
Lab

**Total Credits**

**35**

## Pre-Health Certificate

The purpose of the Post-Baccalaureate Pre-Health (PBPH) Program is to prepare and support students for matriculation into medical school. The program is designed for students who have already received an undergraduate degree in a non-science field. These students need to take the core science and math classes that are required to enter any medical or clinical program. The minimum admission requirements for medical programs are one year of biology, one year of physics, one year of English, and two years of chemistry. Additionally, some medical schools highly recommend or may require specific mathematics courses (calculus and/or statistics), biochemistry, psychology, and sociology courses.

Students enrolled in the PBPH Program will take a minimum of 9 math and science courses (most include a mandatory one-credit co-requisite laboratory) or 35 credits. The PBPH Program is designed such that a student may complete all required and recommended math and science courses in two years. All credit transfers of previously taken courses must be approved by the PBPH program prior to program acceptance. Students may also participate in an MCAT preparatory course and receive mentoring by the advisor of the Health Professions Program (HPP), Geoffrey Church, Ph.D.

## Requirements

Code	Title	Credits
Select at least nine courses in mathematics and natural sciences		35
Options may include:		
BIOL 1171 & 1171L	General Biology I and General Biology I Lab	
BIOL 1172 & 1172L	General Biology II and General Biology II Lab	
BIOL/CHEM 3324 or BIOL/CHEM 3325	Biochemistry I Biochemistry II	
Upper-level Biology elective		
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	
CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	
CHEM 2272 & 2272L	Organic Chemistry II and Organic Chemistry II Lab	
Upper-level Chemistry elective		
Health Studies elective		
MATH 1121	Applied Calculus I	
MATH 2217	Statistics I	
Introductory Psychology elective		
PHYS 1145 & 1145L	General Physics for Life Sciences I and General Physics for Life Sciences I Lab	