



Health Professions Pathways Program (H3P)

Crosby Main Floor • h3p@gonzaga.edu • www.gonzaga.edu/h3p

UNDECIDED / GENERAL PRE-HEALTH RECOMMENDED COURSEWORK

All health professions schools require a strong foundation in the basic sciences for admission. Each type of graduate program (medicine, dentistry, physical therapy, etc.) dictates a particular course of study and within the field, each individual graduate school can determine its own prerequisite coursework. For pre-health students that have not yet determined a specific pathway such as medical school, PA school, etc., H3P (in collaboration with the Office of Academic Advising & Assistance) recommends students start by completing the following courses regardless of their major:

General Pre-Health Requirements & Associated Recommended Courses at GU	Course Authorization Required if not Biology major or minor	May only be offered in certain terms	Gonzaga pre-requisite(s) required before enrolling in course	Credits
2 Semesters of Biology				
BIOL 105/L Info Flow in Biological Systems with lab	Yes	Yes	No	4
BIOL 106 Energy Flow in Biological Systems	Yes	Yes	Yes	3
4 Semesters of Chemistry				
CHEM 101/L General Chemistry with lab	No	Yes	No	4
CHEM 230/L Organic Chemistry I with lab	No	Yes	Yes	5
CHEM 231/L Organic Chemistry II with lab	No	Yes	Yes	4
CHEM 245/L Biochemistry with lab	No	Yes	Yes	4
2 Semesters of Physics				
PHYS 111/L General Physics I with lab	No	Yes	No	5
or PHYS 121 Scientific Physics I with lab	No	No	Yes	
PHYS 112/L General Physics II with lab	No	Yes	Yes	5
or PHYS 122 Scientific Physics II with lab	No	Yes	Yes	
1 Semester of Mathematics				
MATH 121 Statistics	No	No	No	3 or 4
or MATH 148 Survey of Calculus	No	No	Yes	
or MATH 157 Calculus-Analytic Geometry	No	No	Yes	

Additional Information:

- Due to the varied nature of admission requirements and recommendations for different fields and programs, the following courses may also be suggested: Genetics and Lab; Physiology and Biodiversity or Human Anatomy & Physiology I and II; Inorganic Chemistry and General Chemistry II Lab; Introduction to Microbiology or Microbiology.
- Students should reference the resources available for their specific pre-health pathway (pre-medicine, pre-dentistry, pre-physical therapy, etc.) such as the recommended coursework and school-specific requirements for medical schools, dental schools, physical therapy schools, etc.

Notes:

- This information is accurate as of the date listed below and courses are subject to change. Students are responsible for confirming information in the course catalog, ZagWeb, and/or their academic advisor. Providing this information does not guarantee availability of or access to courses.
- Students should use this list of recommended coursework as a *guide*, and work with their faculty advisor and Academic Advising & Assistance to determine an academic plan that best fits individual needs and goals.