

## Academic Requirements for Pre-Professional Health Advising Tracks

Course Requirements	Pre-Dentistry	Pre-Medicine	Pre-Pharmacy	Pre-Physical Therapy	Pre-Occupational Therapy	Pre-Optometry	Pre-Veterinary Medicine	Pre-Physician Assistant
MATH 151: Pre-Calculus Mathematics	X	X		X			X	X
MATH 200: Calculus w/Analytical Geometry			X			X		
STAT 210: Basic Practice of Statistics	X	X	X	X		X	X	X
STAT 212: Concepts of Statistics *					X			
CHEM 101 + Lab: General Chemistry I	X	X	X	X		X	X	X
CHEM 102 + Lab: General Chemistry II	X	X	X	X		X	X	X
CHEM 301 + Lab: Organic Chemistry I	X	X	X			X	X	X
CHEM 302 + Lab: Organic Chemistry II	X	X	X			X	X	HR
CHEM 403: Biochemistry I	X	X	X			X	X	HR
BIOL 151 + Lab: Intro. Biological Sciences I	X	X	X	X		X	X	X
BIOL 152 + Lab: Intro. Biological Sciences II	X	X	X	HR		X	X	X
BIOL 300: Cellular & Molecular Biology	X – as pre-requisite	X – as pre-requisite	X – as pre-requisite	HR		X – as pre-requisite	X – as pre-requisite	HR
BIOL 310: Genetics	HR	HR	HR				HR	HR
BIOL 303: Microbiology	HR	HR	HR			X	HR	HR
BIOZ 303: Microbiology Lab			HR					
BIOL 205: Human Anatomy			X	X	X	X	BIOL 402 - HR	X
PHIS 206 + Lab: Human Physiology			X – lab optional	X	X	X	BIOL 411 - HR	X
Additional Upper-Level Biology Electives*	HR	HR	HR			HR	HR	HR
PHYS 201 or 207: Gen. or Univ. Physics I	X	X	X	X		X	X	
PHYS 202 or 208: Gen or Univ. Physics II	X	X	HR	X		X	X	
PSYC 101: Introduction to Psychology		HR		X	X			X
SOCY 101: Introduction to Sociology		HR			X			
Additional Upper-Level Social Sciences *			HR	X	X			X

**X = Required**    **HR = Highly Recommended**    *Each professional program has specific pre-requisite course requirements. Students should research individual programs.*

\* **Recommended Additional Upper-level Biology Electives:** *BIOL 300 is a pre-requisite for most upper level Biology courses.* BIOL 308 (Vertebrate Histology); BIOL 402 (Comparative Vertebrate Anatomy); BIOL 411 (Animal Physiology); BIOL 440 (Developmental Biology); BIOL 448 (Neuroscience); BIOL 455 (Immunology), Please consult with your pre-professional health advisor for recommendations.

\* **Recommended Additional Upper-level Social Science and Statistics:** Please consult with your pre-professional health advisor for recommendations.  
*Students with AP and IB credit for science courses should consult with your pre-professional health advisor regarding fulfillment of specific track requirements.*

## VCU Pre-Professional Health Overview

### **OFFICE OF PRE-PROFESSIONAL HEALTH ADVISING:**

The Office of Pre-Professional Health Advising aims to produce highly qualified, confident and knowledgeable pre-professional health students for admission to graduate professional health programs. Our office seeks to do this through guidance with: pre-professional health curriculum, admissions test preparation, co-curricular activity involvement, and application competitiveness.

### **PRE-PROFESSIONAL HEALTH ADVISING TRACKS:**

VCU's pre-professional health program is not an academic major or minor, but rather it is a combination of career development advising coupled with a set of pre-determined courses that are widely accepted across the nation for admission requirements.

*VCU Pre-Professional Health Advising tracks include:*

- Pre-Dentistry
- Pre-Medicine
- Pre-Occupational Therapy
- Pre-Optometry\*
- Pre-Pharmacy
- Pre-Physical Therapy
- Pre-Physician Assistant\*
- Pre-Veterinary Medicine\*

*\*VCU does not have a Physician Assistant, Optometry, or Veterinary Medicine program. Pre-professional health advisors help students to explore and prepare for application to these programs at other institutions.*

### **DECLARING A PRE-PROFESSIONAL HEALTH ADVISING TRACK:**

Students interested in being a pre-professional health student must declare a pre-professional health advising track. Declaring an advising track is the way to gain access to individualized appointments with experienced pre-professional health advisors and some restricted health preparation courses.

To qualify for and declare your status as a pre-professional health student at VCU, the Office of Pre-Professional Health Advising has outlined program requirements for each student to follow. These requirements are broken into curricular requirements and professional development requirements. For the full list of requirements, please visit our blog: <https://rampages.us/preprofadv/>. The first step is to attend an interest workshop in your profession of interest: <https://rampages.us/preprofadv/interest-workshops/>.

***Have questions? Contact our office at: [preprofadv@vcu.edu](mailto:preprofadv@vcu.edu)***