

HEALTH PROFESSIONS ADMISSION PREREQUISITES

While most medical and dental schools require the same set of admission prerequisites, other professions differ considerably, and often schools within professions differ in their requirements. For example, some PT programs require exercise physiology while others do not; some veterinary programs require animal nutrition while others do not; The table below includes “typical” prerequisites for admission to health professions schools. Because of the variability between and within professions it is ALWAYS wise to check the requirements for specific schools in advance of your application.

A word to the wise: The table below is meant to serve as a guide for most schools, but may lack some specific requirements as they are updated by the professions.

Professional School	Science & Math	Humanities & Social Sciences	Other Recommended Courses
Medical	<u>2 sem (6-8 cr) each:</u> General Chemistry General Biology Organic Chemistry General Physics Calculus <u>1 sem:</u> Biochemistry	English, 6 cr. (DWC = 4 cr; Writing I and II Proficiencies provide at least 2 credits) <u>1 sem each:</u> Sociology Psychology	Other Advanced Biology Statistics
Dental	<u>2 sem (6-8 cr) each:</u> General Chemistry General Biology Organic Chemistry General Physics Calculus Microbiology (varies)	English, 6 cr. (DWC = 4 cr; Writing I and II Proficiencies provide at least 2 credits)	Biochemistry Other Advanced Biology
Optometry	<u>2 sem (6-8 cr) each:</u> General Chemistry General Biology General Physics Calculus <u>1 sem (3-4 cr) each:</u> Organic Chemistry Microbiology Statistics (Rec'd)	English, 6 cr. (DWC = 4 cr; Writing I and II Proficiencies provide at least 2 credits) Psychology Other Humanities* Other Social Sciences* *(NECO requirements)	
Physician Assistant	<u>2 sem (6-8 cr) each:</u> General Chemistry General Biology <u>1 sem (3-4 cr) each:</u> Organic or Biochemistry Human Anatomy Physiology Microbiology Statistics	Psychology (Introduction and Abnormal)	

Nurse Practitioner (Advance Practice Nursing)	<u>2 sem (6-8 cr) each:</u> General Biology <u>1 sem (3-4 cr) each:</u> General Chemistry Organic or Biochemistry Human Anatomy Human Physiology Microbiology (variable) Statistics	Developmental Psychology (SWK 253 = Devel Psych)	Nutrition (school specific) Requirements vary considerably. Check each school carefully.
Physical Therapy	<u>2 sem (6-8 cr) each:</u> General Biology General Chemistry General Physics <u>1 sem (3-4 cr) each:</u> Human Anatomy Physiology Microbiology (variable) Statistics	Psychology	Exercise Physiology required by some programs (offered in PC – SCE)
Pharmacy	<u>2 sem (6-8 cr) each:</u> General Biology General Chemistry Organic Chemistry <u>1 sem (3-4 cr) each:</u> Calculus Physics Statistics Microbiology Biochemistry	English, 6 cr. (DWC = 4 cr; Writing I and II Proficiencies provide at least 2 credits) Social Sciences 6 cr. (including microeconomics and psychology)	
Veterinary	<u>2 sem (6-8 cr) each:</u> General Chemistry General Biology Organic Chemistry General Physics Calculus <u>1 sem (3-4 cr) each:</u> Biochemistry Statistics (variable)	English, 6 cr. (DWC = 4 cr; Writing I and II Proficiencies provide at least 2 credits)	Other requirements are common. Check AAVMC Prerequisite Listing in PSHP folder.