

## Academic Considerations for Admission to Health Profession Training Programs

Different programs require different skill sets, and pre-requisite courses are designed to help you develop the academic skills you'll need. Requirements vary by profession, and even within a single health profession, schools may have different philosophies regarding pre-requisite preparation for their curricula. Math is the best example – some medical schools require no math courses (although most applicants need some quantitative background to succeed in their science courses), and some may require up to two semesters of calculus and statistics. So, it's always critical to check individual schools for exact requirements, but the following is a basic guideline for a few of the programs.

Click on the links for summary charts regarding pre-requisites, created by each health profession's professional association.

Requirement	Princeton Course	Med	Dental	<a href="#">Opt</a>	<a href="#">Pharm</a>	<a href="#">Phys Asst</a>	<a href="#">Phys Therapy</a>	<a href="#">Podiatry</a>	<a href="#">Vet Med</a>
Chem I w/lab	CHM 201 or 207	✓	✓	✓	✓	✓	✓	✓	✓
Chem II w/lab	CHM 202	✓	✓	✓	✓	✓	✓	✓	✓
Organic I w/lab	CHM 303	✓	✓	✓	✓	some		✓	✓
Organic II w/lab	CHM 304 (or 304b)	✓	✓	✓	✓	some		✓	✓
Biology I w/lab	EEB 211	✓	✓	✓	✓	✓	✓	✓	✓
Biology II w/lab	MOL 214 (or 215)	✓	✓	✓	✓	✓	✓	✓	✓
Physics I w/lab	PHY 101 or PHY 103	✓	✓	✓	✓	✓	✓	✓	✓
Physics II w/lab	PHY 102 or PHY 104	✓	✓	✓	✓	✓	✓	✓	✓
Calculus	MAT 102 or MAT 103	some	few				few		some
Statistics	Many (see handout)	some	some				✓		some
Biochem	MOL 345	some	few						many
Microbio	MOL 380		few	some	some	some	some		some
Intro Anatomy & Physiology w/lab	Not offered @ Princeton		few	some	some	some	✓		some
English	WRI + others	most	many	some	some	some		✓	some
Others		PSY/SOC for MCAT <sup>2015</sup> Advanced Biology	Advanced Biology	PSY., other humanities or social sciences	ECO, Publ Speaking	PSY (intro and abnormal)	PSY, social sciences	Advanced Biology	Varies widely

**All requirements must be taken for a grade, not P/D/F.** While this handout is representative of the general requirements, specific schools may have specific requirements. While these are the most common requirements for admission to a health professions training program, individual schools and professions may have additional requirements. For example, Texas schools require another full year of Biology courses. Many California schools will only accept AP on a case by case basis, and prefer that students not use AP to fulfill their pre-requisites.

