

## Health Profession Graduate Program Pre-Requisites Chart

	Medical (MD, DO)	Dental	Veterinary Medicine	Optometry	Podiatry	Physician Assistant <sup>§</sup>	Pharmacy*	Genetic Counseling	Nursing	Physical Therapy (PT)	Occupational Therapy (OT) <sup>§</sup>
<b>Entrance Exam</b>	MCAT	DAT	GRE	OAT	MCAT	GRE or none	None	GRE or none	GRE or none	GRE or none	GRE or none
<b>Experience in Field</b>	Service, shadowing, volunteering	Service, shadowing, volunteering	Experience in a variety of vet settings	Service, shadowing, volunteering	Service, shadowing, volunteering	Avg. of 3 years of experience in health field	Service, shadowing, volunteering	Service, shadowing, volunteering	Service, shadowing, volunteering	Certain # hrs shadowing observation	Certain # hrs shadowing observation
<b>General Biology</b>	BI107 & BI108	BI107 & BI108	BI107 & BI108	BI107 & BI108	BI107 & BI108	BI107 & BI108	BI107 & BI108	BI107 & BI108	BI107 if taking BI246	BI107 & BI108	
<b>General Chemistry<sup>‡</sup></b>	CH125 or CH126	CH125 or CH126	CH125 or CH126	CH125 or CH126	CH125 or CH126	CH125 or CH126	CH125 or CH126	CH125 or CH126	CH125 or CH126	CH125 or CH126	
<b>Organic Chemistry</b>	CH221 & CH222	CH221 & CH222	CH221 & CH222	CH221 & CH222	CH221 & CH222	CH221 & CH222	CH221 & CH222	CH221 & CH222			
<b>Biochemistry</b>	CH341 & CH342 rec.**	CH341 & CH342 rec.**	CH341 & CH342 rec.**	CH341 & CH342 rec.**	CH341 & CH342 rec.**	CH341	CH341 & CH342 rec.**	CH341			
<b>Additional Chem</b>						(maybe)				Choice	
<b>Additional Life Science</b>	Rec. one from BI242, BI 245, BI246, BI247, or NS201	Rec. one from BI246, BI245, BI244, or BI247	BI245 &/or BI246; Maybe BI244 or BI306	BI246, Rec. BI245		BI246 &/or BI245 maybe BI306, BI343, HP311, HP313, HP316, or HP318	Check but often BI246	BI245, maybe BI242, BI247, BI345 or additional	BI165 or BI246	0-2, varies (BI246, BI242, BI245, or BI247)	
<b>General Physics<sup>^</sup></b>	PY130 & PY140	PY130 & PY140 <sup>^</sup>	PY130 & PY140	PY130 & PY140	PY130 & PY140		Some req. PY130 or 140			PY130 & PY140	Rec. PY130
<b>Calc I, II</b>	MA113 <sup>^</sup>	MA113 <sup>^</sup>	MA113 <sup>^</sup>	MA 113 <sup>^</sup>	MA113 <sup>^</sup>		MA111 or 113	Rec. by some		MA113 <sup>^</sup>	Rec. MA111 <sup>^</sup>
<b>Anatomy &amp; Physiology</b>		Check Schools		Rec. HP126 & HP127		HP126 & HP127	Some HP126 & HP127		HP126 & HP127	HP126 & HP127	HP126 & HP127
<b>Nutrition</b>									HP242		
<b>Statistics</b>	Choice	Rec. Choice	Choice	Choice	Choice	Choice	Choice	MS204 or BI235	Choice	Choice	Choice
<b>Behavioral Science</b>	Rec. for MCAT PS101 or NS101	Check Schools		PS101		PS101 maybe PS206 or PS214	PS101	PS101 maybe PS206 or PS214	PS101 & PS206	PS101, PS206, or PS214	PS101, PS206 & PS214
<b>Social Science</b>	Rec. for MCAT SO101, AN101, or SW212	Check Schools	Check Schools			Rec. SO101, AN101, or SW212	SO101 EC103 for select schools	Rec. SO101, AN101, or AN102, and ethics			AN101, AN102, or SO101
<b>English/Writing (Composition)</b>	EN105 or EN110 <sup>#</sup> , & Another EN or Writ. Intens.	EN105 or EN110 <sup>#</sup> , & Another EN or Writ. Intens.	EN105 or EN110 <sup>#</sup> , & Another EN or Writ. Intens.	EN105 or EN110 <sup>#</sup> , & Another EN or Writ. Intens.	EN105 or EN110 <sup>#</sup> , & Another EN or Writ. Intens.	EN105 or EN110 <sup>#</sup>	EN105 or EN110 <sup>#</sup> , & Another EN or Writ. Intens.	EN105 or EN110 <sup>#</sup>			

<sup>‡</sup> 100-level Chemistry enrollment requires placement through the Chemistry Placement Diagnostic.

\* Oral communication is also required for many Pharmacy programs. Some Pharmacy programs will accept the *in-the-major oral communication* requirement to fulfill, check with schools.

\*\* Content covered is on the MCAT exam. A number of schools require four semesters of chemistry w/ lab plus biochemistry. CH 341 can be the fourth CH course w/lab & CH 342 then serves as the biochemistry course. A few programs specify if biochemistry is a two-semester sequence then both semesters need to be taken & others recommend a full year.

<sup>^</sup> MA 111 or placement in MA 113 or above is the co-requisite for PY 130 at Skidmore. MA 113 or placement above is the co-requisite for PY 140 at Skidmore.

<sup>#</sup> EN 110 if thinking about a major or minor in English.

<sup>§</sup> A Medical Terminology course may also be required.

**Please Note:** While there is a set of core courses that most schools typically require, there is also variability across different programs regarding their required and recommended courses. This is only a guide; you should be sure to consult with your HPAC advisor regarding your selection of courses. ***You should always check the specific course requirements for each school you are going to apply to. It is your responsibility as the applicant to do so.***