

## Pre-Health

### (Non-Degree Program)

Pre-health is not a major or minor academic program. Professional programs do not require a specific major for admission and may have differing requirements. Listed below are the recommendations for allopathic or osteopathic medical school admission. Requirements for dental, veterinary, and other health professions schools will differ.

Natural Science Requirements		Credits	Core / Other Requirements		Credits
	BIOL 113 Evolution & Diversity	3		<b>Core Requirements</b>	
	BIOL 113L Evolution & Diversity Lab	1		ENGL 110 Academic Writing	3
	BIOL 210 Organisms & Their Ecosystems	3		ENGL 140-149 Literature	3
	BIOL 210L Organisms & Their Ecosystems Lab	1		PSYC 101 Introduction to Psychology	3
	BIOL 213 Cell & Molecular Biology	3		SOC 101 Introduction to Sociology	3
	BIOL 213L Cell & Molecular Biology Lab	1			<b>12</b>
	BIOL 353 Biochemistry	3			
	CHEM 113 General Chemistry I	3		<b>Other Requirements</b>	
	CHEM 113L General Chemistry I Lab	1		MATH 125 Calculus	4
	CHEM 114 General Chemistry II	3		MATH 128 Intro. to Statistics & Data Analysis	4
	CHEM 114L General Chemistry II Lab	1			<b>8</b>
	CHEM 241 Organic Chemistry I	3			
	CHEM 241L Organic Chemistry I Lab	1			
	CHEM 242 Organic Chemistry II	3			
	CHEM 242L Organic Chemistry II Lab	1			
	PHYS 111 Physics for the Life Sciences I	3			
	PHYS 111L Physics for the Life Sciences I Lab	1			
	PHYS 112 Physics for the Life Sciences II	3			
	PHYS 112L Physics for the Life Sciences II Lab	1			
<b>Total Natural Science Credits</b>		<b>39</b>	<b>Total Core / Other Credits</b>		<b>20</b>

**Minimum Credits Required for Pre-Health = 59**

#### Scheduling considerations:

If you plan to go straight from King's to a medical school (or similar), all the courses above should be completed **by the end of the your junior year**. Such students typically take the MCAT, DAT or GRE test the summer between their junior and senior year. However, there are many paths to professional programs, including graduate degrees, work experience, or a year of service.

Students wishing to apply to dental school may wait to take Physics in their senior year, as DAT preparation does not require Physics.

Veterinary schools all maintain their own course and test requirements, so students interested in vet school should investigate the course requirements early. The above schedule will serve as a reasonable template, however.

Students are encouraged to consider preparation for the MCAT/DAT/OAT as one of their "classes" the Spring semester of their junior year. Whether a formal preparation course or self-directed study, students should avoid taking too heavy a course load this semester in order to best prepare.

Prerequisites for programs such as Nursing, Physician Assistant, and Physical Therapy may be quite different and likely include Anatomy and Physiology 1 and 2.

Most students choose to major in Biology, Biochemistry, Chemistry or Neuroscience to prepare for health professional programs. However, any major with 30-35 hours required coursework could conceivably be a pre-health major. For example, Philosophy, Theology, Spanish, French, Psychology or Sociology have sufficient elective credits to be compatible with a pre-health program.

In addition to your 1<sup>st</sup> year or major advisor, you should meet early and regularly with the pre-health advisor (prehealth@kings.edu).