

Pre-health professions – typical professional school requirements

The **Exercise Science Bachelor of Science (B.S.)** degree at Montclair State University is an excellent choice for satisfying some of the pre-health requirements for admission to professional health schools; it includes courses needed for health schools while earning a bachelor's degree. If you are interested in Physical Therapy, Medicine, or Physician Assistant, refer to the following table for typical professional school requirements:

PRE PT		PRE MED		PRE PA	
General biology – 2 semesters with lab (8 credits)	BIOL 112, BIOL 113,	General biology – 2 semesters with lab (8 credits)	BIOL 112, BIOL 113	General biology – 2 semesters with lab (8 credits)	BIOL 112, BIOL 113
General chemistry – 2 semesters with lab	CHEM 120, CHEM 121	General chemistry – 2 semesters with lab	CHEM 120, CHEM 121	General chemistry – 2 semesters with lab	CHEM 120, CHEM 121
Calculus and/or statistics, one year (6-8 semester hours)	STAT 109 – MATH 122 - Calculus I	Calculus and/or statistics, one year (6-8 semester hours)	STAT 109 – MATH 122 Calculus I	Statistics -one semester	STAT 109
Social Behavioral Sciences (6 credits)	PSYC 101, 1 elective	Social Behavioral Sciences (6 credits)	PSYC 101, 1 elective	Social Behavioral Sciences (6 credits)	PSYC 101, 1 elective
Anatomy & Physiology I & II	BIOL 244, BIOL 245			Anatomy & Physiology I & II	BIOL 244, BIOL 245
		Organic chemistry – 2 semesters with lab	CHEM 230, CHEM 231	Organic chemistry – 1 semester with lab (recommended)	CHEM 230
		Biochemistry – 1 semester	CHEM 370	Biochemistry – 1 semester	CHEM 370
General Physics – 2 semesters with lab	PHYS 193, PHYS 194,	Physics – 2 semesters with lab	PHYS 193, PHYS 194,	Physics – 1 semester (recommended)	PHYS 193
				Microbiology with Laboratory (3 credits)	
				Genetics (recommended)	
		English – 2 semesters		English – 2 semesters	
Extracurriculars	EXSC480 – Internship	Extracurriculars	EXSC480 – Internship		

Additional Information

You should review the requirements at multiple schools to ensure that you're successfully meeting them before you graduate.

PRE PT	PRE MED	PRE PA
<ul style="list-style-type: none"> https://www.apta.org/cas/ptcas 	<ul style="list-style-type: none"> https://blog.collegevine.com/pre-med-requirements/ https://students-residents.aamc.org/applying-medical-school/applying-medical-school 	<ul style="list-style-type: none"> https://www.shemmassianconsulting.com/blog/pa-school-requirements https://caspa.liasoncas.com/applicant-ux/#/login