

PRE-MEDICAL COURSES FOR NON-BIOLOGY, BIOTECHNOLOGY, OR CHEMISTRY MAJORS

Students interested in preparing for medical, dental, veterinary, or pharmacy studies may pursue study in any of the academic majors offered at Worcester State University. Students interested in medicine, dentistry, veterinary medicine, optometry, podiatry, or osteopathy should consult both their major advisor and the Chair of the Pre-medical and Pre-Dental Advisory Committee as soon as possible following matriculation. Nearly all medical and dental schools require the following courses. However, it is the students' obligation to check with the professional school(s) to which they intend to apply for exact requirements.

Code	Title	Credits
BI-140	Introduction to Organismal Biology	4
BI-141	Intro to Cellular and Molecular Biology	4
BI-203	Genetics ¹	4
CH-120	General Chemistry I	4
CH-121	General Chemistry II	4
CH-201 & CH-203	Organic Chemistry I (lecture) and Organic Chemistry Laboratory I	5
CH-202 & CH-204	Organic Chemistry II (lecture) and Organic Chemistry Laboratory II	5
CH-410	Biochemistry I ¹	4
MA-200	Calculus I	4
PS-101 or SO-100	General Psychology ¹ Introduction to Sociology: Exploring Our Social World	3
<i>One of the following:</i>		4
PY-221 & PY-222	General Physics I and General Physics II	
PY-241 & PY-242	Physics I (Mechanics) and Physics II (Electricity, Magnetism and Optics)	

¹ Not required but strongly recommended.