

Hunter College Course Requirements for Medical School and the MCAT

Course Title (Credits)	Subject	Grade	Pre-requisites MUST BE TAKEN PRIOR TO THE COURSE	Co-Requisite MUST BE TAKEN WITH OR BEFORE THE COURSE
(6)	One Year of English *see major advisor about placement and English requirements			
BIOL 100 (4.5)	General Biology I (includes lab) <i>Only offered in SPRING semester</i>		MTH 125 & CHEM 102	
BIOL 102 (4.5)	General Biology II (includes lab) <i>Only offered in FALL semester</i>		BIOL 100	
CHEM 102 (4)	General Chemistry I			MTH 125
CHEM 104 (4)	General Chemistry II		CHEM 102	
CHEM 106 (3)	General Chemistry Lab			CHEM 104
CHEM 222 (4)	Organic Chemistry I		CHEM 104	
CHEM 223 (2.5)	Organic Chemistry Lab I		CHEM 106	CHEM 222
CHEM 224 (4)	Organic Chemistry II		CHEM 222	
CHEM 225 (2.5)	Organic Chemistry Lab II		CHEM 223	CHEM 224
PHYS 110 (4.5)	General Physics I (includes lab)		MTH 125	
PHYS 120 (4.5)	General Physics II (includes lab)		PHYS 110	
MTH 125 (4)	Pre-Calculus *placement testing and transfer credit will determine if you need this course, or if you need to take another math course prior to pre-calculus		grade of C or better in MATH 10100 or appropriate score on placement exam	
MTH 150 (4)	Calculus		MTH 125	
STAT 213 (3)	Statistics (recommended) *statistics taken through a social science department such as psychology, is also acceptable.		MTH 125	

We also recommend that Pre-Med students take:

BIOL 203 (4.5)	Molecular Biology and Genetics <i>Only offered in SPRING semester</i>		BIOL 100 and 102 or equiv; CHEM 102, 104, 106 or equiv.	CHEM 222, 223
BIOL 300 (4.5)	Biological Chemistry <i>Only offered in FALL semester</i>		BIOL 203, CHEM 222, 223	CHEM 224
*****	*****	or	*****	*****
CHEM 376 (3)	Biochemistry		CHEM 224	
CHEM 377 (3)	Biochemistry II		CHEM 376 or BIOL 300	
CHEM 378 (3)	Biochemistry Lab		CHEM 223 and CHEM 376 or CHEM 640	
PSYCH100 (3)	Introduction to Psychology			
SOC101 (3)	Introduction to Sociology			

We also recommend that Pre-Dental students take:

BIOL 303 (4.5)	Cell Biology		BIOL 300 or Dept. permission	
BIOL 300 (4.5)	Biological Chemistry <i>Only offered in FALL semester</i>	or	BIOL 203, CHEM 222, 223	CHEM 224
CHEM 376 (3)	Biochemistry		CHEM 224	
CHEM 377 (3)	Biochemistry II		CHEM 376 or BIOL 300	
CHEM 378 (3)	Biochemistry Lab		CHEM 223 and CHEM 376 or CHEM 640	
BIOL 203 (4.5)	Molecular Biology and Genetics <i>Only offered in SPRING semester</i>		BIOL 100 and 102 or equiv; CHEM 102, 104, 106 or equiv.	CHEM 222, 223

We also recommend that Pre-Veterinary students take:

BIOL 303 (4.5)	Cell Biology		BIOL 300 or Dept. permission	
BIOL 230 (3)	Fundamentals of Microbiology <i>Only offered in SPRING semester</i>		CHEM 100, 101, 120, 121 or equiv; BIOL 120	BIOL 122
BIOL 300 (4.5)	Biological Chemistry		BIOL 203, CHEM 222, 223	CHEM 224
BIOL 203 (4.5)	Molecular Biology and Genetics <i>Only offered in SPRING semester</i>		BIOL 100 and 102 or equiv; CHEM 102, 104, 106 or equiv.	CHEM 222, 223

We also recommend that Pre-Optometry students take:

BIOL 120 (4.5)	Anatomy and Physiology I <i>Only offered in FALL semester</i>		CHEM 100, 101	CHEM 120, 121
BIOL 122 (4.5)	Anatomy and Physiology II <i>Only offered in SPRING semester</i>		BIOL 120 or equiv.	
BIOL 303 (4.5)	Cell Biology		BIOL 300 or Dept. permission	
BIOL 300 (4.5)	Biological Chemistry		BIOL 203, CHEM 222, 223	CHEM 224
MATH 155 (4)	Calculus with Analytic Geometry II <i>Only required Pennsylvania College of Optometry</i>		MATH 150	

We also recommend that Pre-Podiatry students take:

BIOL 120 (4.5)	Anatomy and Physiology I <i>Only offered in FALL semester</i>		CHEM 100, 101	CHEM 120, 121
BIOL 122 (4.5)	Anatomy and Physiology II <i>Only offered in SPRING semester</i>		BIOL 120 or equiv.	
BIOL 303 (4.5)	Cell Biology		BIOL 300 or Dept. permission	
BIOL 300 (4.5)	Biological Chemistry		BIOL 203, CHEM 222, 223	CHEM 224

Notes: STAT 213 is not requirement for Podiatry school

Please select a track

<input type="checkbox"/> Pre-Dental	<input type="checkbox"/> Pre-Med	<input type="checkbox"/> Pre -Optometry
<input type="checkbox"/> Pre-Podiatry	<input type="checkbox"/> Pre-Veterinary	<input type="checkbox"/>

Name: _____ Cumulative GPA: _____ BCPM GPA: _____

We also recommend that Pre-Physician Assistant students take:

BIOL 120 (4.5)	Anatomy and Physiology I <i>Only offered in FALL semester</i>		CHEM 100, 101	CHEM 120, 121
BIOL 122 (4.5)	Anatomy and Physiology II <i>Only offered in SPRING semester</i>		BIOL 120 or equiv.	
BIOL 230 (3)	Fundamentals of Microbiology <i>Only offered in SPRING semester</i>		CHEM 100, 101, 120, 121 or equiv; BIOL 120	BIOL 122
BIOL 300 (4.5)	Biological Chemistry		BIOL 202, CHEM 222, 223	CHEM 224
BIOL 302 (4.5)	Molecular Genetics Only offered in SPRING semester		BIOL 300	
PSYCH1101 (3)	Introduction to Psychology			

We also recommend that Pre-Physical Therapy students take:

BIOL 120 (4.5)	Anatomy and Physiology I <i>Only offered in FALL semester</i>		CHEM 100, 101	CHEM 120, 121
BIOL 122 (4.5)	Anatomy and Physiology II <i>Only offered in SPRING semester</i>		BIOL 120 or equiv.	
BIOL 300 (4.5)	Biological Chemistry		BIOL 203, CHEM 222, 223	CHEM 224
PSYCH1101 (3)	Introduction to Psychology			

Notes: Only a semester of Organic Chemistry (CHEM22/223 Lab) may be required

We also recommend that Pre-Pharmacy students take:

BIOL 120 (4.5)	Anatomy and Physiology I <i>Only offered in FALL semester</i>		CHEM 100, 101	CHEM 120, 121
BIOL 122 (4.5)	Anatomy and Physiology II <i>Only offered in SPRING semester</i>		BIOL 120 or equiv.	
BIOL 230 (3)	Fundamentals of Microbiology <i>Only offered in SPRING semester</i>		CHEM 100, 101, 120, 121 or equiv; BIOL 120	BIOL 122
BIOL 300 (4.5)	Biological Chemistry		BIOL 203, CHEM 222, 223	CHEM 224
MATH 155 (4)	Calculus with Analytic Geometry II <i>Only required University of Buffalo</i>			