

University of Hartford
Post-Baccalaureate Pre-Medical Professions Program
Suggested Curriculum

Science/math prerequisites for medical professions programs vary with each school but in general all pre-medical professions students must complete the following basic science courses:

BIO 122, 123	Biological Science	(4, 4 credits)
	<i>and/or</i> BIO 212, 213	Anatomy & Physiology (4, 4)
CH 110, 111	College Chemistry	(4, 4)
CH 230, 231	Organic Chemistry	(4, 4)
PHY 120, 121	Algebra Based Physics	(4, 4)
	<i>or</i> PHY 112, 114	Calculus Based Physics (4, 4)

Math requirements vary depending on the specific profession and school but most often include:

M 144, 145	Calculus	(4-8)
M 114	Statistics	(3)

The following additional courses are strongly suggested:

Two or more additional biology courses chosen from:

BIO 212, 213	Anatomy & Physiology	(4, 4)
BIO 352	Cell Biology	(4)
BIO 372, 373	Genetics (3, 1)	
BIO 442	Microbiology	(4)
	<i>or</i> BIO 440	Medical Microbiology (4)
BIO 444, 445	Biochemistry*	(3, 2)

(*required/strongly recommended by most dental schools and strongly recommended for pre-chiropractic students)

Pre-Medical Professions Studies Advising Courses: PPS 100, 200, 300 (1 credit each)*

These courses are designed to assist pre-medical professions students in achieving their goal by assisting and guiding them in the following areas:

- Portfolio development
- Exploring professional organizations
- Developing an application time-line
- Identifying professional schools of interest
- Understanding current issues in health care
- Procuring clinical and/or research experience
- Interview skills
- Admission test preparation
- The application process

*Post Baccalaureate students are not required to take these courses but may do so if they desire.

University of Hartford
Post-Baccalaureate Pre-Medical Professions Program
Suggested Curriculum

Part-time*

Fall 1

BIO 212 Anatomy & Physiology I 4
Or
 BIO 122 Biological Science I (4)
 CH 110 Col Chem I 4

Spring 1

BIO 213 A & P II 4
Or
 BIO 123 Bio Sci II (4)
 CH 111 Col Chem II 4

Summer 1

M 144 & 145 Calculus 1 & II 8
Or
 M144 Calculus I and
 M 114 Statistics 7

Fall 2

CH 230 Organic Chem I 4
 PHY 120 Algebra-based Physics I 4

Spring 2

CH 231 Org Chem II 4
 PHY 121 Physics II 4

Summer 2

* MCAT Prep
 * Take Aug MCAT
 * Apply to Med School

Fall 3

BIO 372, 373 Genetics 4
and/or
 BIO 442 Microbiology 4

Spring 3

BIO 352 Cell Biology 4
and/or
 BIO 444, 445 Biochemistry 5

Full time*

Fall 1

BIO 212 Anatomy & Physiology I 4
Or
 BIO 122 Biological Science I (4)
 CH 110 Col Chem I 4
 PHY 120 Algebra-based Physics I 4
 M 144 Calculus I 4

Spring 1

BIO 213 A & P II 4
Or
 BIO 123 Bio Sci II (4)
 CH 111 Col Chem II 4
 PHY 121 Physics II 4
 M 145 Calculus II 4
Or
 M 114 Statistics (3)

Summer 1

CH 230 Organic Chem I 4
 CH 231 Organic Chem II 4
 * MCAT Prep
 * Take Aug MCAT
 * Apply to Med School

Fall 2

BIO 372, 373 Genetics 4
and/or
 BIO 442 Microbiology 4

Spring 2

BIO 352 Cell Biology 4
and/or
 BIO 444, 445 Biochemistry 5

*** research and/or clinical experience should be ongoing throughout**