

## Pre-professional Concentration: Recommended Courses and Schedule

	Fall			Winter			Summer			
<b>Year 1</b>	BIO 1200:	General Biology	4	BIO 2100/2101:	Human Anatomy/Lab	4/1	BIO 2600:	Physiology	4	
	CHM 1440/1470:	General Chemistry I w/lab	4/1	CHM 1450/1480:	General Chemistry II w/ lab	4/1	<b>West Civilization Gen. Ed.</b>		4	
	WRT 1050:	Composition I	4	WRT 1060:	Composition II	4	Job shadowing / volunteering / working in healthcare / research project			
	MLS 2010:	Careers in BDTS	1				(8)			
			(14)	(14)			(8)			
<b>Year 2</b>	PHY 1010/1100:	General Physics I w/ lab	4/1	PHY 1020/1110:	General Physics II w/ lab	4/1	<b>Social Science Gen. Ed.</b>			4
	CHM 2340:	Organic Chemistry I	4	CHM 2350:	Organic Chemistry II	4	Job shadowing / volunteering / working in healthcare / research project			
	MGT 1100:	Contemp World Business	4	CHM 2370:	Organic Chemistry Lab	2				
	MLS 2050:	Cont Iss in Health Care Org <sup>#</sup>	2	MLS 2100:	Medical Terminology <sup>∞</sup>	1	(4)			
			(15)	(12)			(4)			
<b>Year 3</b>	STA 2220:	Intro to Statistics	4	MLS 4160/4170:	Hematology/Lab	4/1	<b>Arts Gen. Ed.</b>			4
	MLS 2260:	Lab Theory & Techniques <sup>∞</sup>	2	MLS 4230:	Clinical Immunology *	3	<b>Literature Gen. Ed.</b>			4
	MLS 4000:	Medical Genetics *	4	MLS 4300/4320:	Clinical Microbiology / Lab*	4/1	Apply to professional program			
	MLS 4250:	Medical Biochemistry *	4							
	Study for MCAT/DAT/GRE/etc.			Study for MCAT/DAT/GRE/etc.			(8)			
			(14)	(13)			(8)			
<b>Year 4</b>	HS 4000:	Pathology <sup>±</sup> or elective	4	MLS 4400:	Clinical Correlations <sup>or elective</sup>	3				
	MLS 4240:	Immunohematology <sup>or elective</sup>	4	HS 4500:	Law Value & Healthcare <sup>∞</sup>	4				
	MLS 3140:	Hemostasis (Lab)	3							
	<b>Foreign Lang. Gen. Ed.</b>			4						
			(15)	(12)						

<p>* Approved electives include:</p> <p><sup>#</sup> Indicates course offered Fall and Summer semester  <sup>∞</sup> Indicates course offered Fall, Winter and Summer semester  * Indicates courses that are also offered in Summer semester</p>	<p>MLS 4270/4280: Clinical Chemistry / Lab 4/1</p> <p>MLS 3350/3360: Parasit/Myco/Virology 3/1</p> <p>MLS 4020: Molecular Diagnostics 3</p> <p>MLS 4400: Clinical Correlations 3</p> <p>MLS 4995: Individual Lab work 2-4</p> <p>MLS 4929: Directed Study 1-4</p> <p>BIO 3140/3141: Histology / lab 4/1</p> <p>BIO 4620: Advanced Physiology 4</p> <p>BIO 4622: Endocrinology 4</p>	<p>EHS 1150: Safety &amp; Health at Work 2</p> <p>EHS 4450: Intro to Ergonomics 3</p> <p>HS 2500: Human Nutrit &amp; Health 4</p> <p>HS 4010: Pharmacology 2</p> <p>MTH 1441: Pre-calculus 4</p> <p>MTH 1554: Calculus 4</p> <p>PSY 2250: Introduction to Lifespan Dev Psy 4</p> <p>WHP 3250: Iss in Women's Health 4</p>
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