

**Department of Natural Sciences -- 2010 - 2012 Four-Year Pathway for**

**Biology Major - Pre-Health and Cell/Molecular Biology Focus**

Year	Fall Semester	credits	Spring Semester	credits	General Education Requirements	
Freshman	BIOL 130	4	BIOL 132	4		credits
	WRIT 101 (pending placement)	3	WRIT 102	3	CORE	
	Freshman Seminar	3	Gen Ed XX	3	WRIT 101 & 102	6
	Gen Ed XX	3	Gen Ed XX	3	COMM 110	3
	Gen Ed XX	3	Gen Ed XX	3	Math & Computer Science	3
					Health/Human Performance	3
	<b>total</b>	<b>16</b>	<b>total</b>	<b>16</b>	NON-WESTERN/DIVERSITY	Y/N
Sophomore	BIOL 270	4	BIOL 280	4	KNOWLEDGE	
	CHEM 105	5	CHEM 106	4	Humanities	9
	Gen Ed XX	3	Course 3	3	Social Sciences	6
	Gen Ed XX	3	Gen Ed XX	3	Natural/Physical Sciences	6
					Environmental Course	
					Lab Course	
	<b>total</b>	<b>15</b>	<b>total</b>	<b>14</b>	Fine/Applied Arts	6
<i>This is only a suggested sequence; other sequences may be discussed with your advisor.</i>					History/Criticism/Apprec.	
					Aesthetic Experience	
Junior	Fall Semester	credits	Spring Semester	credits	CO-REQUISITES	
	BIOL 330	4	BIOL 440	4	Independent Learning in Major	Y/N
	Course 2	3	Biology Elective	3-4	Senior Experience Presentation	Y/N
	Course 3	3	Course 3	3	<b>Total General Education Cr</b>	<b>42</b>
	Course 4	3	Course 4	3	Suggested electives include BIOL 355, General Microbiology; BIOL 318, Immunology; BIOL 360, Parasitology; and BIOL 465, Laboratory Techniques in Cell & Molecular Biology and Biochemistry. A minor in Chemistry, (or double major in Chemistry) is highly recommended for this area. Most graduate or professional schools also require a year of physics and math through pre-calculus or calculus.	
	Gen Ed XX	3	Gen Ed XX	3		
<b>total</b>	<b>16</b>	<b>total</b>	<b>16-17</b>			
Senior	BIOL 340	4	Biology Elective	3-4	Department Contact Information	
	Course 2	3	Course 2	3		
	Course 3	3	Course 3	3		
	Course 4	3	Course 4	3		
	Course 5	3	Sr. Exper Course	1-4		
	<b>total</b>	<b>16</b>	<b>total</b>	<b>13-17</b>	email:	<a href="mailto:natsci@uwsuper.edu">natsci@uwsuper.edu</a>
<i>Chem 105 is a prerequisite for BIOL 330, Genetics; Chem 106 is a prerequisite for BIOL 440. For a Chemistry minor, Chem 105 should be taken no later than Fall of the Sophomore year.</i>					Phone:	715-394-8322