

## B.A. in Biology 2016-2017: Option 1 - CWILT

First Year						
Fall	Credits	Interim	Credits	Spring	Credits	
Select one of the following lecture and labs	4	<u>BIB101 Introduction to the Bible</u>	3	BIO122 & 122D or BIO120/121 Introduction to Molecular & Cellular Biology or BIO126/127 Integrative Biology and Global Health	4	
BIO120 & BIO121				<u>GES130 Christianity Western Culture</u>	4	
BIO122 & 122D				<u>PEA100 Physical Wellness for Life</u>	1	
BIO126 & BIO127				Chemistry choice *3	4	
<u>GES106 Introduction to Liberal Arts</u>	1					
<u>GES110 College Writing</u>	3					
Chemistry choice *3	4					
Nature or Persons (N) course	3					
	<b>15</b>		<b>3</b>		<b>13</b>	
Second Year						
Fall	Credits	Interim	Credits	Spring	Credits	
BIO126 & BIO127 or BIO120/121 Introduction to Molecular & Cellular Biology or BIO122/122D Introduction to Organismic Biology		4	Mathematics (M) course	3	<u>GES125 Introduction to the Creative Arts</u>	4
Contemporary Western Life & Thought (L) course	3			<u>THE201 Christian Theology</u>	3	
Second Language (S) course *1	4			Biology environmental area choice	4	
Elective *4	4			Elective *5	4	
	<b>15</b>		<b>3</b>		<b>15</b>	
Third Year						
Fall	Credits	Interim	Credits	Spring	Credits	
<u>BIO399 Introduction to Research</u> Biology organismic area choice Biology elective World Cultures (U) course Elective	1 4 4 3 3	1	Science, Technology and Society (K) course	3	Biology molecular area choice Biology elective Comparative Systems (G) course Leisure and Lifetime Sports (Q) course Artistic Experience (A) course	4 4 3 1 0-3
	<b>15</b>		<b>3</b>		<b>12-15</b>	
Fourth Year						
Fall	Credits	Interim	Credits	Spring	Credits	
BIO493 or 496 Literature Review in Biology *2 <u>BIO495 Biology Seminar</u> Biology elective Interpreting Biblical themes (J) course Electives	1 1 4 3 5	1	Interim Off	<u>BIO499 Biology Symposium</u> Biology elective Contemporary Christian Issues (P) course Electives Cross-Cultural Experience (Z) course	1 4 3 6 0-3	
	<b>14</b>		<b>0</b>		<b>14-17</b>	
<b>Total Credits: 122-128</b>						

\*1 Students must complete through the second semester of a first year language course or equivalent.

\*2 May be taken in fall of senior year

\*3 CHE113/CHE113D recommended (excluding CHE107/CHE107Dor CHE200)

\*4 CHE224/CHE225 recommended

\*5 CHE226/CHE227 recommended

This program assumes the student will use BIO122/BIO122D to meet the general education laboratory Science requirement.

Most financial aid packages stipulate 12 credits/semester; Minnesota state grants are reduced when credit falls below 15 credits/semester. (Interim may be split between fall and spring for the state grant purposes only.)

## B.A. in Biology 2016-2017: Option 2 - Humanities

First Year			
Fall	Credits Interim	Credits Spring	Credits
BIO120 & BIO121	4 <u>GES147 Humanities II: Renaissance and Reformation</u>	4 BIO122 & 122D	4
or BIO122/122D Introduction to Organismic Biology		or BIO120/121 Introduction to Molecular & Cellular Biology	
or BIO126/127 Integrative Biology and Global Health		or BIO126/127 Integrative Biology and Global Health	
<u>GES106 Introduction to Liberal Arts</u>	1	<u>GES244 Humanities III: European Enlightenment and American Culture to 1877</u>	4
<u>GES145 Humanities I: Greco-Roman through Middle Ages</u>	4	<u>BIB101 Introduction to the Bible</u>	3
Chemistry choice *3	4	Chemistry choice *3	4
Nature of Persons (N) course	3		
	<b>16</b>	<b>4</b>	<b>15</b>
Second Year			
Fall	Credits Interim	Credits Spring	Credits
BIO126 & BIO127	4 Mathematics (M) course	3 Biology environmental area choice	4
or BIO120-121 Introduction to Molecular & Cellular biology		Elective *5	4
or BIO122/122D Introduction to Organismic Biology		Second Language (S) course *1	4
<u>GES246 Humanities IV: Modern and Contemporary Western Culture</u>	4	Elective	1
<u>PEA100 Physical Wellness for Life</u>	1		
Elective *4	4		
	<b>13</b>	<b>3</b>	<b>13</b>
Third Year			
Fall	Credits Interim	Credits Spring	Credits
<u>BIO399 Introduction to Research</u>	1 Science, Technology and Society (K) course	3 Biology molecular area choice	4
Biology organismic area choice	4	Biology elective	4
Biology elective	4	Comparative Systems (G) course	3
World Culture (U) course	3	Leisure and Lifetime Sports (Q) course	1
Elective	3	Artistic Experience (A) course	0-3
	<b>15</b>	<b>3</b>	<b>12-15</b>
Fourth Year			
Fall	Credits Interim	Credits Spring	Credits
BIO493 & BIO496 *2	2 Interim Off	<u>BIO499 Biology Symposium</u>	1
<u>BIO495 Biology Seminar</u>	1	Biology elective	4
Biology elective	4	Contemporary Christian Issues (P) course	3
Interpreting biblical Themes (J) course	3	Electives	5
Elective	6	Cross-Cultural Experience (Z) course	0-3
	<b>16</b>	<b>0</b>	<b>13-16</b>

### Total Credits: 123-129

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\*2 May be taken in fall of senior year

\*3 CHE113/CHE113D recommended (excluding CHE107/CHE107Dor CHE200)

\*4 CHE224/CHE225 recommended

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