

B.S. in Biology 2016-2017: Option 1 - CWILT

First Year					
Fall	Credits	Interim	Credits	Spring	Credits
BIO120 & BIO121 Introduction to Molecular and Cellular Biology and Introduction to Molecular and Cellular Biology Lab or BIO122/122D Introduction to Organismic Biology or BIO126/127 Integrative Biology and global Health	4	Nature of Persons (N) course	3	BIO122 & 122D Introduction to Organismic Biology and Introduction to Organismic Biology Lab or BIO120/121 Introduction to Molecular & Cellular Biology or BIO126/127 Integrative Biology and Global Health	4
CHE113 & 113D General Chemistry I and General Chemistry I Lab or CHE208/208D Accelerated General Chemistry/Lab	4			CHE214 & CHE215 General Chemistry II and General Chemistry II <u>GES130 Christianity Western Culture</u>	4
<u>GES106 Introduction to Liberal Arts</u>	1			<u>PEA100 Physical Wellness for Life</u>	1
<u>GES110 College Writing</u>	3				
Mathematics (M) course	3				
	15		3		13
Second Year					
Fall	Credits	Interim	Credits	Spring	Credits
BIO126 & BIO127 Integrative Biology and Global Health and Integrative Biology and Global Health and Lab or BIO120/121 Introduction to Molecular & Cellular Biology or BIO122/122D Introduction to Organismic Biology	4	Contemporary Western Life and Thought (L) course	3	CHE226 & CHE227 Clinical Physiology and Clinical Physiology Lab <u>THE201 Christian Theology</u> <u>GES125 Introduction to the Creative Arts</u>	4
CHE224 & CHE225 Organic Chemistry I and Organic Chemistry I Lab	4			Biology environmental area choice	4
<u>BIB101 Introduction to the Bible</u>	3				
Leisure and Lifetime Sports (Q) course	1				
Artistic Experience (A) course	0-3				
	12-15		3		15
Third Year					
Fall	Credits	Interim	Credits	Spring	Credits
<u>BIO399 Introduction to Research</u>	1	World Cultures (U) course	3	Biology molecular area choice Physics II elective Comparative Systems (G) course Interpreting Biblical Themes (J) course	4
Biology organismic area choice	4				4
Physics I elective	4				3
Science, Technology and Society (K) course	3				3
Second Language (S) course *1	4				
	16		3		14
Fourth Year					
Fall	Credits	Interim	Credits	Spring	Credits
BIO493 or 496 Literature Review in Biology *2	1	Interim Off		<u>BIO499 Biology Symposium</u>	1
<u>BIO495 Biology Seminar</u>	1			Biology elective	4
Biology elective	4			Biology elective	4
Biology elective	4			Contemporary Christian Issues (P) course	3
Elective	3			Elective	3
Cross-Cultural Experience (Z) course	0-3				
	13-16		0		15
Total Credits: 122-128					

*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.

This program assumes the student will use BIO122/BIO122D to meet the general 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.S. in Biology 2016-2017: Option 2 - Humanities

Fall	Credits	Interim	Credits	Spring	Credits
BIO120 & BIO121	4	<u>GES147 Humanities II: Renaissance and Reformation</u>	4	BIO122 & 122D	4
or BIO 122/122D Introduction to Organismic Biology or BIO126/127 Integrative Biology and Global Health				or BIO120/121 Introduction to Molecular & Cellular Biology or BIO126/127 Integrative Biology and Global Health	
CHE113 & 113D	4			CHE214 & CHE215	4
or CHE208/208D Accelerated General Chemistry I/Lab				<u>GES244 Humanities III: European Enlightenment and American Culture to 1877</u>	4
<u>GES106 Introduction to Liberal Arts</u>	1			<u>BIB101 Introduction to the Bible</u>	3
<u>GES145 Humanities I: Greco-Roman through Middle Ages</u>	4				
Nature of Persons (N) course	3				
	16		4		15
Fall	Credits	Interim	Credits	Spring	Credits
BIO126 & BIO127	4	Elective	3	CHE226 & CHE227	4
or BIO120/121 Introduction to Molecular & Cellular Biology or BIO122/122D Introduction to Organismic Biology				Biology environmental area choice	4
CHE224 & CHE225	4			Mathematics area choice	3
<u>GES246 Humanities IV: Modern and Contemporary Western Culture</u>	4			Second Language (S) course *1	4
Leisure and Lifetime Sports (Q) course	1				
Artistic Experience (A) course	0-3				
	13-16		3		15
Fall	Credits	Interim	Credits	Spring	Credits
BIO399 Introduction to Research	1	Comparative Systems (G) course	3	Biology molecular area choice	4
<u>PEA100 Physical Wellness for Life</u>	1			Physics II elective	4
Biology organismic area choice	4			Interpreting Biblical Themes (J) course	3
Physics I elective	4			Elective	3
World Cultures (U) course	3				
	13		3		14
Fall	Credits	Interim	Credits	Spring	Credits
BIO493 or 496 Literature Review in Biology *2	1	Interim Off		<u>BIO499 Biology Symposium</u>	1
<u>BIO495 Biology Seminar</u>	1			Biology elective	4
Science, Technology and Society (K) course	3			Biology elective	4
Biology electives	8			Contemporary Christian Issues (P) course	3
Cross-Cultural Experience (Z) course	0-3			Elective	1
	13-16		0		13

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