

B.A. in Biology 2020-2021: Option 1 - CWILT

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 124 & BIO 124D Integrative Biology: Genes, Cells, Change and Integrative Biology: Genes, Cells, Change Lab	4	BIB 101 Introduction to the Bible	3	BIO 128 & BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity and Integrative Biology: Metabolism, Energy, Biodiversity Lab	4
GES 130 Christianity Western Culture	4			GES 125 Introduction to the Creative Arts	4
GES 140 Introduction to Wellbeing	3			GES 160 Inquiry Seminar	3
Chemistry course *2	4			Chemistry course *3	4
	15		3		15
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 218 Biology in a Changing World	3	Mathematics (M) course	3	THE 201 Christian Theology	3
Contemporary Western Life & Thought (L) course	3			Biology environmental area choice	4
World Cultures (U) course	3			Artistic Experience (A) course	3
Second Language (S) course *1	4			Elective	3
	13		3		13
THIRD YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 399 Introduction to Research	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
Chemistry course *4	4			Leisure and Lifetime Sports (Q) course	1
Elective	3			Chemistry course *5	4
	16		3		16
FOURTH YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 481 or 496 Internship in Biology or Biology Research	1-3	Interim Off		BIO 497 Advanced Biology Research	1
BIO 495 Biology Seminar	2			Biology elective	4
Biology elective	8			Contemporary Christian Issues (P) course	3
Interpreting Biblical themes (J) course	3			Electives	4
				Cross-cultural experience (Z) course	0-3
	14-16		0		12-15
Total Credits 123-128					

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

*2. [CHE 113/CHE 113D](#) recommended

*3. [CHE 214/CHE 215](#) recommended

*4. [CHE 224/CHE 225](#) recommended

*5. [CHE 226/CHE 227](#) recommended

This program assumes the student will use [BIO 124/BIO 124D](#) to meet the General Education Laboratory Science (D) course 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 2020-2021: Option 2 - Humanities

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 124	4	GES 147 Humanities II: Renaissance and Reformation	4	BIO 128	4
& BIO 124D Integrative Biology: Genes, Cells, Change and Integrative Biology: Genes, Cells, Change Lab				& BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity and Integrative Biology: Metabolism, Energy, Biodiversity Lab	
GES 145 Humanities I: Greco-Roman through Middle Ages	4			GES 244 Humanities III: European Enlightenment and American Culture to 1877	4
GES 140 Introduction to Wellbeing	3			BIB 101 Introduction to the Bible	3
Chemistry course *2	4			Chemistry course *3	4
	15		4		15
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 218 Biology in a Changing World	3	Mathematics (M) course	3	Biology environmental area choice	4
GES 246 Humanities IV: Modern and Contemporary Western Culture	4			Artistic Experience (A) course	3
World Cultures (U) course	3			Electives	6
Second Language (S) course *1	4				
	14		3		13
THIRD YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 399 Introduction to Research	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
Chemistry elective *4	4			Leisure and Lifetime Sports (Q) course	1
Elective	3			Chemistry course *5	4
	16		3		16
FOURTH YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 481 or 496 Internship in Biology or Biology Research	1-3	Interim Off		BIO 497 Advanced Biology Research	1
BIO 495 Biology Seminar	2			Biology elective	4
Biology electives	8			Contemporary Christian Issues (P) course	3
Interpreting biblical Themes (J) course	3			Electives	5
				Cross-Cultural Experience (Z) course	0-3
	14-16		0		13-16
Total Credits 126-131					

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

*2. [CHE 113/CHE 113D](#) recommended

*3. [CHE 214/CHE 215](#) recommended

*4. [CHE 224/CHE 225](#) recommended

*5. [CHE 226/CHE 227](#) recommended

This program assumes the student will use [BIO 124/BIO 124D](#) to meet the General Education Laboratory Science (D) course 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.)