

B.S. in Neuroscience 2020-2021: Option 1 - CWILT

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 124 Integrative Biology: Genes, Cells, Change	3	GES 160 Inquiry Seminar	3	BIB 101 Introduction to the Bible	3
& BIO 124D Integrative Biology: Genes, Cells, Change Lab	1			CHE 214 General Chemistry II	3
CHE 113 General Chemistry I	3			& CHE 215 General Chemistry II Lab	1
& CHE 113D General Chemistry I Lab	1			NSC 130 Introduction to Neuroscience	3
(or CHE 208 & CHE 208D) Accelerated General Chemistry and Accelerated General Chemistry Lab *1				& NSC 130D ntro to Neuroscience Lab	1
GES 140 Introduction to Wellbeing	3			PSY 100 Introduction to Psychology	3
MAT 124M Calculus 1 *1	4				
	15		3		14
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity	3	GES 125 Introduction to the Creative Arts	4	PHY 206 Introductory Physics II	3
& BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity Lab	1			& PHY 207 Introductory Physics II Lab	1
GES 130 Christianity Western Culture	4			THE 201 Christian Theology	3
PHY 202 Introductory Physics I	3			Contemporary Western Life and Thought (L) course	3
& PHY 202D Introductory Physics I Lab	1			Second Language (S) course *2	4
PSY 230M Introduction to Statistical Methods and Experimental Design	4				
	16		4		14
THIRD YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
CHE 224 Organic Chemistry I	3	COS 100 (or COS 105/COS 205) Introduction to Programming	3	NSC 350 Neuroscience Methods	3
& CHE 225 Organic Chemistry I Lab	1			& NSC 351 Neuroscience Methods Lab	1
PSY 340 Physiological Psychology	3			NSC 493 Literature Review in Neuroscience	1
& PSY 341 Physiological Psychology Lab	1			Cross Cultural Experience (Z) course	0-3
Leisure and Lifetime Sport (Q) course	1			Interpreting Biblical Themes (J) course	3
World Cultures (U) course	3			Psychology Elective	4
Science, Technology, and Society (K) course	3				
	15		3		12-15
FOURTH YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
NSC 358 Neurobiology	3	Interim Off		NSC 499 Neuroscience Seminar	1
& NSC 359 Neurobiology Lab	1			Artistic Experience (A) course	0-3
NSC 496 Neuroscience Research	1			Contemporary Christian Issues (P) course	3
Biology Elective	4			Biology Elective	4
Comparative Systems (G) course	3			Elective (300-400 Level)	4
Elective	3				
	15		0		12-15
Total Credits 123-129					

*1. This course meets a General Education requirement.

*2. Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)

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

B.S. in Neuroscience 2020-2021: Option 2- Humanities

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 124 Integrative Biology: Genes, Cells, Change	3	GES 147 Humanities II: Renaissance and Reformation	4	CHE 214 General Chemistry II	3
& BIO 124D Integrative Biology: Genes, Cells, Change Lab	1			& CHE 215 General Chemistry II Lab	1
CHE 113 General Chemistry I	3			NSC 130 Introduction to Neuroscience	3
& CHE 113D General Chemistry I Lab	1			& NSC 130D ntro to Neuroscience Lab	1
(or CHE 208 & CHE 208D) Accelerated General Chemistry and Accelerated General Chemistry Lab *1				GES 244 Humanities III: European Enlightenment and American Culture to 1877	4
GES 145 Humanities I: Greco-Roman through Middle Ages	4				
MAT 124M Calculus 1 *1	4				
	16		4		12
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity	3	GES 160 Inquiry Seminar	3	BIB 101 Introduction to the Bible	3
& BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity Lab	1			PHY 206 Introductory Physics II	3
GES 246 Humanities IV: Modern and Contemporary Western Culture	4			& PHY 207 Introductory Physics II Lab	1
PHY 202 Introductory Physics I	3			PSY 230M Introduction to Statistical Methods and Experimental Design	4
& PHY 202D Introductory Physics I Lab	1			Second Language (S) course *2	4
PSY 100 Introduction to Psychology	3				
	15		3		15
THIRD YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
CHE 224 Organic Chemistry I	3	COS 100 (or COS 105/COS 205) Introduction to Programming	3	NSC 350 Neuroscience Methods	3
& CHE 225 Organic Chemistry I Lab	1			& NSC 351 Neuroscience Methods Lab	1
PSY 340 Physiological Psychology	3			NSC 493 Literature Review in Neuroscience	1
& PSY 341 Physiological Psychology Lab	1			Psychology Elective	4
Science, Technology, and Society (K) course	3			Interpreting Biblical Themes (J) course	3
World Cultures (U) course	3			Cross Cultural Experience (Z) course	0-3
Leisure and Lifetime Sport (Q) course	1				
	15		3		12-15
FOURTH YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
NSC 358 Neurobiology	3	Interim Off	0	NSC 499 Neuroscience Seminar	1
& NSC 359 Neurobiology Lab	1			Artistic Experience (A) course	0-3
NSC 496 Neuroscience Research	1			Contemporary Christian Issues (P) course	3
Comparative Systems (G) course	3			Biology Elective	4
Biology Elective	4			Elective (300 or 400 level)	4
Elective	4				
	16		0		12-15
Total Credits 123-129					

*1. This course meets a General Education requirement.

*2. Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)

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