B.A. in Mathematics 2017-2018: Option 1 - CWILT

First Year

Fall	Credits	Interim	Credits	Spring	Credits
COS100 Introduction to Programming	3	GES160 Inquiry Seminar	3	COS105 Computer Science 1	4
MAT124M Calculus 1	4			GES130 Christianity Western Culture	4
GES125 Introduction to the Creative Arts	4			MAT125 Calculus 2	4
GES140 Introduction to Wellbeing	3			BIB101 Introduction to the Bible	3
	14		3		15

Second Year

Fall	Credits	Interim	Credits	Spring	Credits
MAT223 Multivariable Calculus	3	Elective	3	MAT211 Linear Algebra	3
MAT241 Discrete Mathematics	3			MAT222 Differential Equations	3
Laboratory Science (D) course	4			THE201 Christian Theology	3
Contemporary Western Life and Thought (L) course	3			Leisure and Lifetime Sports (Q) course	1
Elective	3			Second Language (S) course[1]	4
	16		3		14

Third Year

Fall	Credits	Interim	Credits	Spring	Credits
MAT330 Probability and Statistics	3	Comparative Systems (G) course	3	MAT310 Algebraic Structures	4
World Cultures (U) course	3			Applied Math choice[2]	3
Applied Math choice[2]	3-4			Science, Technology, and Society (K) course	3
Cross-Cultural Experience (Z) course	0-3			Elective	3
Electives	3			Artistic Experience (A) course	0-3
	12-16		3		13-16

Fourth Year

Fall	Credits	Interim	Credits	Spring	Credits
MAT422 Real Analysis	3	MAT499 Foundations of Mathematics	3	MAT425 (spring, odd years) Topics in Mathematics	3
Interpreting Biblical Themes (J) course	3			Contemporary Christian Issues (P) course	3
Electives	8			Electives	6
	14		3		12

1. Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)
2. Applied Math choices: choose two: MAT344 Numerical methods (fall only), MAT376 Operations Research (fall, odd years), or MAT331 Applied Statistics (spring, even years).

This program assumes a student will use MAT124M to meet the general education Mathematics requirements.

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.A. in Mathematics 2017-2018: Option 2 - Humanities

First Year

Fall	Credits	Interim	Credits	Spring	Credits
COS100 Introduction to Programming	3	GES147 Humanities II: Renaissance and Reformation	4	COS105 Computer Science 1	4
MAT124M3 Calculus 1	4			GES244 Humanities III: European Enlightenment and American Culture to 1877	4
GES140 Introduction to Wellbeing	3			MAT125 Calculus 2	4
GES145 Humanities I: Greco-Roman through Middle Ages	4			Artistic Experience (A) course	0-3
	14		4		12-15

Second Year

Fall	Credits	Interim	Credits	Spring	Credits
MAT223 Multivariable Calculus	3	BIB101 Introduction to the Bible	3	MAT211 Linear Algebra	3
MAT241 Discrete Mathematics	3			MAT222 Differential Equations	3
GES246 Humanities IV: Modern and Contemporary Western Culture	4			Leisure and Lifetime Sports (Q) course	1
Laboratory Science (D) course	4			Second Language (S) course[1]	4
				Elective	3
	14		3		14

Third Year

Fall	Credits	Interim	Credits	Spring	Credits
MAT330 Probability and Statistics	3	Comparative Systems (G) course	3	MAT310 Algebraic Structures	4
Applied Math choice[2]	3-4			Applied Math choice[2]	3
World Cultures (U) course	3			Science, Technology, and Society (K) course	3
Cross-Cultural Experience (Z) course	0-3			Elective	3
Electives	4				
	13-17		3		13

Fourth Year

Fall	Credits	Interim	Credits	Spring	Credits
MAT422 Real Analysis	3	MAT499 Foundations of Mathematics	3	MAT425 (spring, odd years) Topics in Mathematics	3
Interpreting Biblical Themes (J) course	3			Contemporary Christian Issues (P) course	3
Electives	9			Electives	8
	15		3		14

1. This program assumes a student will use MAT124M to meet the general education Mathematics requirements.
2. Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)
3. Applied Math choices: choose two: MAT344 Numerical methods (fall only), MAT376 Operations Research (fall, odd years), or MAT331 Applied Statistics (spring, even years).

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.)