B.A. in Computer Science 2016-2017: Option 1 - CWILT

First Year

Fall	Credits	Interim	Credits	Spring	Credits
COS100 or 205Introduction to Programming	3	Nature of Persons (N) course	3	COS105 Computer Science *1	4
MAT124M Calculus *1	4			GES130 Christianity Western Culture	4
GES106 Introduction to Liberal Arts	1			GES110 College Writing	3
BIB101 Introduction to the Bible	3			Second Language (S) course	4
GES125 Introduction to the Creative Arts	4				
	15		3		15

Second Year

Fall	Credits	Interim	Credits	Spring	Credits
COS212 Computer Science *2	4	Electives	3	COS214 Computer Systems	4
MAT241 Discrete Mathematics	3			COS216 Data Structures and Algorithms	3
Laboratory Science (D) course	4			THE201 Christian Theology	3
Contemporary Western Life and Thought (L) course	3			Electives	3
				Cross-Cultural Experience (Z) course	0-3
	14		3		13-16

Third Year

Fall	Credits	Interim	Credits	Spring	Credits
COS3182 Web Programming	3	COS450 Humans and Computers	3	COS477 (spring, even years) *2	3
COS301 Operating Systems and Computer Architecture	4			Computer Science Elective	3
PEA100 Physical Wellness for Life	1			Comparative Systems (G)	3
World Cultures (U) course	3			Leisure and Lifetime Sports (Q) course	1
Science, Technology, and Society (K) course	3			Elective	3
				Artistic Experience (A) course	0-3
	14		3		13-16

Fourth Year

Fall	Credits	Interim	Credits	Spring	Credits
COS313 (fall, even years (or elective)) *2	3	Interim Off		COS386 (spring, odd years (or Elective)) *2	3
Computer Science elective	3			Computer Science Elective	3
Interpreting Biblical Themes (J) course	3			Contemporary Christian Issues (P) course	3
Electives	5			Electives	6
	14		0		15

Total Credits: 122-128

*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 Choose two from: COS313, COS318,COS386, COS477 (Check the catalog for details.)

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

B.A. in Computer Science 2016-2017: Option 2 - Humanities

First Year

Fall	Credits	Interim	Credits	Spring	Credits
COS100 or 205Introduction to Programming	3	GES147 Humanities II: Renaissance and Reformation	4	COS105 Computer Science 1	4
MAT124M Calculus 1	4			GES244 Humanities III: European Enlightment and American Culture to 1877	4
GES106 Introduction to Liberal Arts	1			BIB101 Introduction to the Bible	3
GES145 Humanities I: Greco-Roman through Middle Ages	4			Second Language (S) course	4
Nature of Persons (N) course	3				
	15		**4**		**15**

Second Year

Fall	Credits	Interim	Credits	Spring	Credits
COS212 Computer Science 2	4	Electives	3	COS214 Computer Systems	4
MAT241 Discrete Mathematics	3			COS216 Data Structures and Algorithms	3
Laboratory Science (D) course	4			PEA100 Physical Wellness for Life	1
GES246 Humanities IV: Modern and Contemporary Western Culture	4			Electives	6
				Cross-Cultural Experience (Z) course	0-3
	15		**3**		**14-17**

Third Year

Fall	Credits	Interim	Credits	Spring	Credits
COS3182 Web Programming	3	COS450 Humans and Computers	3	COS477 (spring, even years)2	3
COS301 Operating Systems and Computer Architecture	4			Computer Science Elective	3
World Cultures (U) course	3			Comparative Systems (G)	3
Science, Technology, and Society (K) course	3			Leisure and Lifetime Sports (Q) course	1
				Elective	3
				Artistic Experience (A) course	0-3
	13		**3**		**13-16**

Fourth Year

Fall	Credits	Interim	Credits	Spring	Credits
COS313 (fall, even years (or elective))2	3	Interim Off		COS386 (spring, odd years (or Elective))2	3
Computer Science elective	3			Computer Science Elective	3
Interpreting Biblical Themes (J) course	3			Contemporary Christian Issues (P) course	3
Electives	5			Elective	4
	14		**0**		**13**

Total Credits: 122-128

*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 Choose two from: COS313, COS318,COS386, COS477 (Check the catalog for details.)

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.)