

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

First Year					
Fall	Credits	Interim	Credits	Spring	Credits
COS100 or 205 Introduction to Programming or Scientific Computing	3	GES160 Inquiry Seminar	3	COS105 Computer Science 1	4
MAT124M Calculus 1	4			GES130 Christianity Western Culture	4
BIB101 Introduction to the Bible	3			GES140 Introduction to Wellbeing	3
GES125 Introduction to the Creative Arts	4			Second Language (S) course	4
	14		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			Cross-Cultural Experience (Z) course	0-3
				Electives	3
	14		3		15
Third Year					
Fall	Credits	Interim	Credits	Spring	Credits
COS3182 Web Programming	3	COS450 Humans and Computers	3	COS477 (spring, even years) Software Engineering *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)) Database Systems *2	3	Interim Off		COS386 (spring, odd years (or Elective)) Data Communications and Computer Networks *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: 122-125					

*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.)

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

First Year					
Fall	Credits	Interim	Credits	Spring	Credits
COS100 or 205 Introduction to Programming or Scientific Computing	3	GES147 Humanities II: Renaissance and Reformation	4	COS105 Computer Science 1	4
MAT124M Calculus 1	4			GES244 Humanities III: European Enlightenment and American Culture to 1877	4
GES140 Introduction to Wellbeing	3			BIB101 Introduction to the Bible	3
GES145 Humanities I: Greco-Roman through Middle Ages	4			Second Language (S) course	4
	14			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			Electives	6
GES246 Humanities IV: Modern and Contemporary Western Culture	4			Cross-Cultural Experience (Z) course	0-3
	15			3	15
Third Year					
Fall	Credits	Interim	Credits	Spring	Credits
COS3182 Web Programming	3	COS450 Humans and Computers	3	COS477 (spring, even years) Software Engineering *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)) Database Systems *2	3	Interim Off		COS386 (spring, odd years (or Elective)) Data Communications and Computer Networks *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: 122-125					

*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.)