

B.A. in Computer Science with Software Project Management 2017-2018: 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 ¹	4
	14		3		15
Second Year					
Fall	Credits	Interim	Credits	Spring	Credits
COS212 Computer Science 2	4	Electives	3	BUS210 Financial Accounting	4
MAT241 Discrete Mathematics	3			COS216 Data Structures and Algorithms	3
Laboratory Science (D) course	4			MAT207M Statistical Analysis	3
Contemporary Western Life and Thought (L) course	3			THE201 Christian Theology	3
	14		3	Cross-Cultural Experience (Z) course	0-3
					15
Third Year					
Fall	Credits	Interim	Credits	Spring	Credits
COS318 (fall, odd years) Web Programming *2	3	COS450 (interim, even years) Humans and Computers	3	COS477 (spring, even years (or elective)) Software Engineering	3
BUS230 or COM 248 Principles of Management or Organizational Communication	3-4			BUS334 Principles of Project Management	3
COM322 or 370 (fall, odd years) Advanced Group Communication, Interpersonal Communication	4			Leisure and Lifetime Sports (Q) course	1
World Cultures (U) course	3			Electives	6
	13-14		3	Artistic Experience (A) course	0-3
					13-16
Fourth Year					
Fall	Credits	Interim	Credits	Spring	Credits
COS313 (fall, even years (or elective))2 Database Systems	3	Interim Off		BUS344 Managerial Finance	4
COM220 Group Communication	4			Science, Technology, and Society (K) course	3
Interpreting Biblical Themes (J) course	3			Contemporary Christian Issues (P) course	3
Comparative Systems (G) course	3			Electives	6
	13		0		16
Total Credits: 122-126					

*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 one from [COS313](#), [COS318](#) (Check the catalog for details.)

This program assumes a student will use [MAT124M](#) and [GES334K](#) to meet the general education Mathematics and Science, Technology, and Society 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 Computer Science with Software Project Management 2017-2018: 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 ¹	4
		14			4	15
Second Year						
Fall	Credits	Interim	Credits	Spring	Credits	
COS212 Computer Science 2	4	Elective		3	BUS210 Financial Accounting	4
MAT241 Discrete Mathematics	3				COS216 Data Structures and Algorithms	3
GES246 Humanities IV: Modern and Contemporary Western Culture	4				MAT207M Statistical Analysis	3
Laboratory Science (D) course	4				Electives	3
					Cross-Cultural Experience (Z) course	0-3
		15			3	15
Third Year						
Fall	Credits	Interim	Credits	Spring	Credits	
COS318 Web Programming *2		3	COS450 (interim, even years) Humans and Computers	3	COS477 (spring, even years (or elective)) Software Engineering	3
BUS230 or COM 248 Principles of Management or Organizational Communication	3-4				BUS334 Principles of Project Management	3
COM322 or 370 (fall, odd years) Advanced Group Communication, Interpersonal Communication	4				Leisure and Lifetime Sports (Q) course	1
World Cultures (U) course	3				Electives	6
					Artistic Experience (A) course	0-3
		13-14			3	13-16
Fourth Year						
Fall	Credits	Interim	Credits	Spring	Credits	
COS313 (fall, even years (or elective))2 Database Systems	3	Interim Off			BUS344 Managerial Finance	4
COM220 Group Communication	4				Science, Technology, and Society (K) course	3
Interpreting Biblical Themes (J) course	3				Contemporary Christian Issues (P) course	3
Comparative Systems (G) course	3				Electives	4
		13			0	14
Total Credits: 122-126						

*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 one from COS313, COS318 (Check the catalog for details.)

This program assumes a student will use MAT124M and GES334K to meet the general education Mathematics and Science, Technology, and Society 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.)