

B.A. in Computer Science with Software Project Management 2019-2020: Option 1 - CWILT

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
COS 100 or 205 Introduction to Programming or Scientific Computing	3	GES 160 Inquiry Seminar	3	COS 105 Computer Science 1	4
MAT 124M Calculus 1	4			GES 130 Christianity Western Culture	4
BIB 101 Introduction to the Bible	3			GES 140 Introduction to Wellbeing	3
GES 125 Introduction to the Creative Arts	4			Second Language (S) course ¹	4
	14		3		15
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
COS 212 Computer Science 2	4	Elective	3	BUS 210 Financial Accounting	4
MAT 241 Discrete Mathematics	3			COS 216 Data Structures and Algorithms	3
Laboratory Science (D) course	4			MAT 207M Statistical Analysis	3
Contemporary Western Life and Thought (L) course	3			THE 201 Christian Theology	3
				Cross-Cultural Experience (Z) course	0-3
	14		3		15
THIRD YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
COS 318 (fall) *2 Web Programming	3	COS 450 (interim, even years) Humans and Computers	3	BUS 334 Principles of Project Management	3
BUS 230 or COM 248 Principles of Management or Organizational Communication	3-4			Science, Technology, and Society (K) course	3
COM 322 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
COS 313 (fall, even years (or elective)) *2 Database Systems	3	Interim Off		BUS 344 Managerial Finance	4
COM 220 Group Communication	4			COS 420 (spring, odd # years) Software Process	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 [COS 313](#), [COS 318](#) (Check the catalog for details.)

This program assumes a student will use [MAT 124M](#) and [GES 334K](#) 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 2019-2020: Option 2 - Humanities

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
COS 100 or 205 Introduction to Programming or Scientific Computing	3	GES 147 Humanities II: Renaissance and Reformation	4	COS 105 Computer Science 1	4
MAT 124M Calculus 1	4			GES 244 Humanities III: European Enlightenment and American Culture to 1877	4
GES 140 Introduction to Wellbeing	3			BIB 101 Introduction to the Bible	3
GES 145 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
COS 212 Computer Science 2	4	Elective	3	BUS 210 Financial Accounting	4
MAT 241 Discrete Mathematics	3			COS 216 Data Structures and Algorithms	3
GES 246 Humanities IV: Modern and Contemporary Western Culture	4			MAT 207M Statistical Analysis	3
Laboratory Science (D) course	4			Elective	3
				Cross-Cultural Experience (Z) course	0-3
	15		3		13-16
THIRD YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
COS 318 *2 Web Programming	3	COS 450 (interim, even years) Humans and Computers	3	BUS 334 Principles of Project Management	3
BUS 230 or COM 248 Principles of Management or Organizational Communication	3-4			Science, Technology, and Society (K) course	3
COM 322 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
COS 313 (fall, even years (or elective)) *2 Database Systems	3	Interim Off		BUS 344 Managerial Finance	4
COM 220 Group Communication	4			COS 420 (spring, odd # years) Software Process	3
Interpreting Biblical Themes (J) course	3			Contemporary Christian Issues (P) course	3
Comparative Systems (G) course	3			Electives	4
Elective	3				
	16		0		14
Total Credits 123-130					

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 [COS 313](#), [COS 318](#) (Check the catalog for details.)

This program assumes a student will use [MAT 124M](#) and [GES 334K](#) 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.)