B.A. in Computer Science with Software Project Management 2022-2023: 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 Object-oriented Design and Programming	4
MAT 124M Calculus 1	4			GES 130 Christianity Western Culture	4
GES 140 Introduction to Wellbeing	3			BIB 101 Introduction to the Bible	3
GES 125 Introduction to the Creative Arts	4			Second Language (S) course *	4
	14		3		15

SECOND YEAR

Fall	Credits	Interim	Credits	Spring	Credits
COS 212 Data Structures	4	Elective	3	BUS 210 Financial Accounting	4
MAT 241 Discrete Mathematics	3			COS 216 Algorithms and Advanced Data Structures	3
Laboratory Science (D) course	4			MAT 207M Statistical Analysis	3
Contemporary Western Life and Thought (L) course	3			THE 201 Christian Theology	3
				Leisure and Lifetime Sports (Q) course	1
	14		3		14

THIRD YEAR

Fall	Credits	Interim	Credits	Spring	Credits
BUS 230 or COM 248 Principles of Management or Organizational Communication	3-4	Interim Off	0	COS 420 (spring, odd # years) Software Process	3
COS 313 (fall, even # years) Database Systems or COS 318 Web Programming	3			Comparative Systems (G) course	3
World Cultures (U) course	3			Interpreting Biblical Themes (J) course	3
Electives	6			Cross-Cultural Experience (Z) course	0-3
				Electives	3-6
	15-16		0		15

FOURTH YEAR

Fall	Credits	Interim	Credits	Spring	Credits
COM 220 Group Communication	4	COS 450 (interim, even # years) Humans and Computers	3	BUS 334 Principles of Project Management	3
COM 370 Interpersonal Communication	4			BUS 344 Managerial Finance	4
Science, Technology, and Society (K) course	3			Contemporary Christian Issues (P) course	3
Elective	3			Artistic Experience (A) course	0-3
				Elective	0-3
	14		3		13

Total Credits 123-124

* Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)

This program assumes a student will use MAT 124M to meet the General Education course requirment.

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 2022-2023: 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 Object-oriented Design and Programming	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 Data Structures	4	Elective	3	BUS 210 Financial Accounting	4
MAT 241 Discrete Mathematics	3			COS 216 Algorithms and Advanced Data Structures	3
GES 246 Humanities IV: Modern and Contemporary Western Culture	4			MAT 207M Statistical Analysis	3
Laboratory Science (D) course	4			Elective	3
				Leisure and Lifetime Sports (Q) course	1
	15		3		14

THIRD YEAR

Fall	Credits	Interim	Credits	Spring	Credits
BUS 230 or COM 248 Principles of Management or Organizational Communication	3-4	Interim Off	0	COS 420 (spring, odd # years) Software Process	3
COS 313 (fall, even # years) Database Systems or COS 318 Web Programming	3			Comparative Systems (G) course	3
World Cultures (U) course	3			Interpreting Biblical Themes (J) course	3
Electives	6			Cross-Cultural Experience (Z) course	0-3
				Electives	3-6
	15-16		0		15

FOURTH YEAR

Fall	Credits	Interim	Credits	Spring	Credits
COM 220 Group Communication	4	COS 450 (interim, even # years) Humans and Computers	3	BUS 334 Principles of Project Management	3
COM 370 Interpersonal Communication	4			BUS 344 Managerial Finance	4
Science, Technology, and Society (K) course	3			Contemporary Christian Issues (P) course	3
Elective	3			Artistic Experience (A) course	0-3
				Elective	0-3
	14		3		13

Total Credits 122-123

* Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)

This program assumes a student will use MAT 124M to meet the General Education course requirment.

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.)