

B.A. in Computer Science with Software Project Management 2016-2017: Option 1 - CWILT

| First Year | | | | |
|--|--------------|--|---|--------------|
| Fall | Credits | Interim | Credits Spring | Credits |
| COS100 or 205 Introduction 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 *1 | 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 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 |
| PEA100 Physical Wellness for Life | 1 | | Cross-Cultural Experience (Z) course | 0-3 |
| | 15 | | 3 | 13-16 |
| Third Year | | | | |
| Fall | Credits | Interim | Credits Spring | Credits |
| COS318 (fall, odd years) *2 | 3 | COS450 (interim, even years) | 3 COS477 (spring, even years (or elective)) | 3 |
| BUS230 or COM 248 Principles of Management or Organizational | 3-4 | | BUS334 Principles of Project Management | 3 |
| COM322 or 370 (fall, odd years) Advanced Group | 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 | 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: 122-129

*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

B.A. in Computer Science with Software Project Management 2016-2017: Option 2 - Humanities

| First Year | | | | |
|--|--------------|--|---|--------------|
| Fall | Credits | Interim | Credits Spring | Credit |
| COS100 or 205 Introduction to Programming | 3 | <u>GES147 Humanities II: Renaissance and Reformation</u> | 4 COS105 Computer Science *1 | 4 |
| MAT124M Calculus *1 | 4 | | <u>GES244 Humanities III: European Enlightenment and American Culture to 1877</u> | 4 |
| <u>GES106 Introduction to Liberal Arts</u> | 1 | | <u>BIB101 Introduction to the Bible</u> | 3 |
| <u>GES145 Humanities I: Greco-Roman through Middle Ages</u> | 4 | | Second Language (S) course *1 | 4 |
| Nature of Persons (N) course | 3 | | | |
| | 15 | | 4 | 15 |
| Second Year | | | | |
| Fall | Credits | Interim | Credits Spring | Credit |
| COS212 Computer Science *2 | 4 | Elective | 3 <u>BUS210 Financial Accounting</u> | 4 |
| <u>MAT241 Discrete Mathematics</u> | 3 | | <u>COS216 Data Structures and Algorithms</u> | 3 |
| <u>GES246 Humanities IV: Modern and Contemporary Western Culture</u> | 4 | | <u>MAT207M Statistical Analysis</u> | 3 |
| Laboratory Science (D) course | 4 | | <u>PEA100 Physical Wellness for Life</u> | 1 |
| | | | Electives | 3 |
| | | | Cross-Cultural Experience (Z) course | 0-3 |
| | 15 | | 3 | 14-17 |
| Third Year | | | | |
| Fall | Credits | Interim | Credits Spring | Credit |
| <u>COS3182 Web Programming</u> | 3 | <u>COS450 (interim, even years)</u> | 3 <u>COS477 (spring, even years (or elective))</u> | 3 |
| BUS230 or COM 248 Principles of Management or Organizational Communication | 3-4 | | <u>BUS334 Principles of Project Management</u> | 3 |
| COM322 or 370 (fall, odd years) Advanced Group 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 | Credit |
| COS313 (fall, even years (or elective)) *2 | 3 | Interim Off | <u>BUS344 Managerial Finance</u> | 4 |
| <u>COM220 Group Communication</u> | 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: 122-129 | | | | |

*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.)