B.A. in Physics 2018-2019: Option 1 - CWILT

First Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
PHY 292 & PHY 292D General Physics I and General Physics I Lab	4	GES 160 Inquiry Seminar	3	PHY 296 & PHY 297 General Physics II and General Physics II Lab	4
MAT 124M Calculus 1	4			MAT 125 Calculus 2	4
BIB 101 Introduction to the Bible	3			GES 130 Christianity Western Culture	4
GES 140 Introduction to Wellbeing	3			Leisure and Lifetime Sport (Q) course	1
	14		**3**		**13**
Second Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
PHY 302 & PHY 303 Electronics and Electronics Lab	4	Contemporary Western Life and Thought (L) course	3	PHY 312 & PHY 313 Modern Physics and Modern Physics Lab	4
PHY 260 Careers in Engineering and Physics Seminar	1			MAT 222 Differential Equations	3
MAT 223 Multivariable Calculus	3			World Cultures (U) course	3
GES 125 Introduction to the Creative Arts	4			Second Language (S) course*1	4
Elective	3				
	15		**3**		**14**
Third Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
PHY 320 Mathematical Methods in Physics and Engineering	4	Cross-Cultural Experience (Z) course	2	PHY 300- or 400- Elective*2	4
THE 201 Christian Theology	3			Physics elective- 300 or 400 level course or Electricity and Magnetism	4
Comparative Systems (G) course	3			Electives	6
Elective	6				
	16		**2**		**14**
Fourth Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
PHY 300- or 400- Elective*2	4	Interim Off		PHY 300- or 400-level Elective*2	4
Interpreting Biblical Themes (J) course	3			Contemporary Christian Issues (P) course	3
Elective (Physics course recommended)	4			Elective (Science course recommended)	4
Elective	3			Elective	3
				Artistic Experience (A) course	0-3
	14		**0**		**14-17**
Total Credits 122-125					

1. Students must complete through the second semester of a first year language course or equivalent.
2. One course must be PHY332/333, PHY423/433 or PHY490

This program assumes a student will us MAT124M and PHY292/292D to meet the general education Mathematics and Laboratory Science requirements.

Most financial aid packages stipulate 12 credits/semester; Minnesota state grants are reduced when credit falls below 15 credits/semester. (Interim may be split between fall and spring for the state grant purposes only.)

B.A. in Physics 2018-2019: Option 2 - Humanities

First Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
PHY 292 & PHY 292D General Physics I and General Physics I Lab	4	GES 147 Humanities II: Renaissance and Reformation	4	PHY 296 & PHY 297 General Physics II and General Physics II Lab	4
MAT 124M Calculus 1	4			MAT 125 Calculus 2	4
GES 145 Humanities I: Greco-Roman through Middle Ages	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
	15		**4**		**15**
Second Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
PHY 302 & PHY 303 Electronics and Electronics Lab	4	Elective	3	PHY 312 & PHY 313 Modern Physics and Modern Physics Lab	4
PHY 260 Careers in Engineering and Physics Seminar	1			MAT 222 Differential Equations	3
MAT 223 Multivariable Calculus	3			World Cultures (U) course	3
GES 246 Humanities IV: Modern and Contemporary Western Culture	4			Second Language (S) Course	4
	12		**3**		**14**
Third Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
PHY 320 Mathematical Methods in Physics and Engineering	4	Cross Cultural Experience (Z) course	3	PHY 300- or 400-level Elective*2	4
Comparative Systems (G) course	3			Leisure and Lifetime Sports (Q) course	1
Electives	6			Elective (Physics course recommended)	4
				Elective	6
	13		**3**		**15**
Fourth Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
PHY 300- or 400-level elective*2 or Electricity and Magnetism	4	Interim Off		PHY 300- or 400-level elective or Electricity and Magnetism	4
Interpreting Biblical Themes (J) course	3			Contemporary Christian Issues (P) course	3
Elective (Physics course recommended)	4			Elective (Science course recommended)	4
Elective	3			Elective	3
				Artistic Experience (A) course	0-3
	14		**0**		**14-17**
Total Credits 122-125					

1. Students must complete through the second semester of a first year language course or equivalent.
2. One course must be PHY332/333, PHY423/433 or PHY490

This program assumes a student will us MAT124M and PHY292/292D to meet the general education Mathematics and Laboratory Science requirements.

Most financial aid packages stipulate 12 credits/semester; Minnesota state grants are reduced when credit falls below 15 credits/semester. (Interim may be split between fall and spring for the state grant purposes only.)