B.S. in Biokinetics (Human Bioenergetics) 2018-2019: Option 1 - CWILT

First Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
BIO 120 & BIO 121 Introduction to Molecular and Cellular Biology and Introduction to Molecular and Cellular Biology Lab	4	GES 125 Introduction to the Creative Arts	4	BIB 101 Introduction to the Bible	3
GES 160 Inquiry Seminar	3			GES 140 Introduction to Wellbeing	3
PSY 100 Introduction to Psychology	3			HAS 170 Applied Nutrition	3
GES 130 Christianity Western Culture	4			Second Language (S) course*1	4
HAS 120 First Aid	1				
	15		**4**		**13**
Second Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
CHE 113 & CHE 113D General Chemistry I and General Chemistry I Lab	4	THE 201 Christian Theology	3	HAS 370 Functional Human Nutrition	3
BIO 214 & BIO 215 Human Anatomy and Human Anatomy Lab	4			BIO 216 & BIO 217 Human Physiology and Human Physiology Lab	4
HAS 250M Statistics and Research Methods in Applied Health Sciences	3			CHE 214 & CHE 215 General Chemistry II and General Chemistry II Lab	4
World Cultures (U) course	3			Leisure and Lifetime Sports (Q) course	1
Contemporary Western Life and Thought (L) course	3			Elective	3
	17		**3**		**15**
Third Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
HAS 247 Motor Development and Learning	3	Elective	3	HAS 375 Biomechanics	3
HAS 379 Integrative Human Physiology	3			HAS 393 Literature Review in Biokinetics	1
PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab	4			HAS 398 Physiological Assessment Laboratory	1
Interpreting Biblical Themes (J) course	3			HAS 399 Physiological Assessment	3
Cross-Cultural Experience (Z) course	0-3			Comparative Systems (G) course	3
				Science, Technology, and Society (K) course	3
				Artistic Experience (A) course	0-3
	13-16		**3**		**14-17**
Fourth Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
HAS 445 Advanced Laboratory Techniques in Biokinetics	3	Interim Off		HAS 481 Internship in Human Kinetics and Applied Health Science	3
HAS 450 Physiology and Interventions in Disabilities and Chronic Disease	3			HAS 495 Biokinetics Symposium	1
HAS 494 Biokinetics Research	1			Contemporary Christian Issues (P) course	3
Electives	6			Electives	5
	13		**0**		**12**
Total Credits 122-128					

1. 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 the CHE 113/CHE 113D and HAS 250M to meet the general education Laboratory Science and Mathematics 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.S. in Biokinetics (Human Bioenergetics) 2018-2019: Option 2 - Humanities

First Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
BIO 120 & BIO 121 Introduction to Molecular and Cellular Biology and Introduction to Molecular and Cellular Biology Lab	4	GES 147 Humanities II: Renaissance and Reformation	4	HAS 120 First Aid	1
GES 145 Humanities I: Greco-Roman through Middle Ages	4			HAS 170 Applied Nutrition	3
BIB 101 Introduction to the Bible	3			PSY 100 Introduction to Psychology	3
GES 140 Introduction to Wellbeing	3			GES 244 Humanities III: European Enlightenment and American Culture to 1877	4
				World Cultures (U) course	3
	14		**4**		**14**
Second Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
CHE 113 & CHE 113D General Chemistry I and General Chemistry I Lab	4	Comparative Systems (G) course	3	BIO 216 & BIO 217 Human Physiology and Human Physiology Lab	4
BIO 214 & BIO 215 Human Anatomy and Human Anatomy Lab	4			HAS 370 Functional Human Nutrition	3
HAS 250M Statistics and Research Methods in Applied Health Sciences	3			CHE 214 & CHE 215 General Chemistry II and General Chemistry II Lab	4
GES 246 Humanities IV: Modern and Contemporary Western Culture	4			Electives	4
Leisure and Lifetime Sports (Q) course	1				
	16		**3**		**15**
Third Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
HAS 247 Motor Development and Learning	3	Elective	3	HAS 375 Biomechanics	3
HAS 379 Integrative Human Physiology	3			HAS 393 Literature Review in Biokinetics	1
PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab	4			HAS 398 Physiological Assessment Laboratory	1
Second Language (S) course	4			HAS 399 Physiological Assessment	3
Cross-Cultural Experience (Z) course	0-3			Interpreting Biblical Themes (J) course	3
				Science, Technology, and Society (K) course	3
				Artistic Experience (A) course	0-3
	14-17		**3**		**14-17**
Fourth Year					
Fall	**Credits**	**Interim**	**Credits**	**Spring**	**Credits**
HAS 445 Advanced Laboratory Techniques in Biokinetics	3	Interim Off		HAS 481 Internship in Human Kinetics and Applied Health Science	3
HAS 450 Physiology and Interventions in Disabilities and Chronic Disease	3			HAS 495 Biokinetics Symposium	1
HAS 494 Biokinetics Research	1			Contemporary Christian Issues (P) course	3
Electives	6			Electives	5
	13		**0**		**12**
Total Credits 122-128					

1. 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 the CHE 113/CHE 113D and HAS 250M to meet the general education Laboratory Science and Mathematics 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.)