

B.S. in Biokinetics (Exercise Science) 2017-2018: Option 1 - CWILT

First Year					
Fall	Credits	Interim	Credits	Spring	Credits
BIO104 & BIO104D Human Biology and Human Biology Lab or BIO120 & BIO121D Introduction to Molecular and Cellular Biology and Lab or BIO122/122D Introduction to Organismic Biology and Lab	4	GES125 Introduction to the Creative Arts	4	BIB101 Introduction to the Bible GES1XX Introduction to Wellbeing HAS120 First Aid	3 3 1
PSY100 Introduction to Psychology	3			HAS130 Personal and Community Health HAS170 Applied Nutrition	3 3
GES1XX Inquiry Seminar	3				
GES130 Christianity Western Culture	4				
	14		4		13
Second Year					
Fall	Credits	Interim	Credits	Spring	Credits
Leisure and Lifetime Sports (Q) course	1	THE201 Christian Theology	3	BIO216 & BIO217 Human Physiology and Human Physiology Lab	4
CHE113 & 113D General Chemistry I and General Chemistry I Lab	4			HAS3XX Human Functional Nutrition	3
BIO214 & BIO215 Human Anatomy and Human Anatomy Lab	4			Contemporary Western Life and Thought (L) course World Cultures (U) course	3 3
HAS250M Statistics and Research Methods in Applied Health Sciences	3			Elective	3
Second Language (S) course *1	3				
	15		3		16
Third Year					
Fall	Credits	Interim	Credits	Spring	Credits
HAS247 Motor Development and Learning	3	Elective	3	HAS375 Biomechanics	3
HAS379 Integrative Human Physiology	3			HAS393 Literature Review in Biokinetics	1
HAS440 Essentials of Strength Training and Conditioning	3			HAS399 Physiological Assessment	3
Comparative Systems (G) course	3			Interpreting Biblical Themes (J) course Elective	3 4
Cross-Cultural Experience (Z) course	0-3			Artistic Experience (A) course	0-3
	12-15		3		14-17
Fourth Year					
Fall	Credits	Interim	Credits	Spring	Credits
HAS445 Advanced Laboratory Techniques in Biokinetics	3	Interim Off		HAS481 Internship in Human Kinetics and Applied Health Science	3
HAS450 Physiology and Interventions in Disabilities and Chronic Disease	3			HAS495 Biokinetics Symposium	1
HAS494 Biokinetics Research	1			Contemporary Christian Issues (P) course Electives	3 6
Science, Technology, and Society (K) course	3				
Electives	5				
	15		0		13
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 BIO 104/104D, BIO121/121D, BIO122/122D, CHE113/CHE113D and HAS250M 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 (Exercise Science) 2016-2017: Option 2 - Humanities

First Year					
Fall	Credits	Interim	Credits	Spring	Credits
BIO104 & BIO104D Human Biology and Human Biology Lab or BIO120 & BIO121D Introduction to Molecular and Cellular Biology and Lab or BIO122/122D Introduction to Organismic Biology and Lab	4	GES147 Humanities II: Renaissance and Reformation	4	GES1XX Introduction to Wellbeing	3
PSY100 Introduction to Psychology	3			BIB101 Introduction to the Bible	3
HAS130 Personal and Community Health	3			GES244 Humanities III: European Enlightenment and American Culture to 1877	4
GES145 Humanities I: Greco-Roman through Middle Ages	4			HAS170 Applied Nutrition and Physical Fitness	3
	14		4		13
Second Year					
Fall	Credits	Interim	Credits	Spring	Credits
CHE113 & 113D General Chemistry I and General Chemistry I Lab	4	World Cultures (U) course	3	BIO216 & BIO217 Human Physiology and Human Physiology Lab	4
BIO214 & BIO215 Human Anatomy and Human Anatomy Lab	4			HAS120 First Aid	1
HAS250M Statistics and Research Methods in Applied Health Sciences	3			HAS247 Motor Development and Learning	3
GES246 Humanities IV: Modern and Contemporary Western Culture	4			HAS3XX Human Functional Nutrition	3
				Leisure and Lifetime Sport (Q) course	1
				Elective	3
	15		3		15
Third Year					
Fall	Credits	Interim	Credits	Spring	Credits
HAS379 Integrative Human Physiology	3		3	HAS375 Biomechanics	3
HAS440 Essentials of Strength Training and Conditioning	3			HAS393 Literature Review in Biokinetics	1
Comparative Systems (G) course	3			HAS399 Physiological Assessment	3
Second Language (S)	4			Interpreting Biblical Themes (J) course	3
Elective	3			Elective	3
				Artistic Experience (A) course	0-3
	16		3		13-16
Fourth Year					
Fall	Credits	Interim	Credits	Spring	Credits
HAS445 Advanced Laboratory Techniques in Biokinetics	3	Interim Off		HAS481 Internship in Human Kinetics and Applied Health Science	3
HAS450 Physiology and Interventions in Disabilities and Chronic Disease	3			HAS495 Biokinetics Symposium	1
HAS494 Biokinetics Research	1			Contemporary Christian Issues (P) course	3
Science, Technology, and Society (K) course	3			Electives	6
Elective	3				
Cross-Cultural Experience (Z) course	0-3				
	13-16		0		13

*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 CHE113/CHE113D and HAS250M 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.)