

B.S. in Biokinetics (Exercise Science) 2020-2021: Option 1 - CWILT

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 104 & BIO 104D Human Biology and Human Biology Lab		GES 125 Introduction to the Creative Arts	4	BIB 101 Introduction to the Bible	3
or	4			GES 140 Introduction to Wellbeing	3
BIO 120 & BIO 120D Introduction to Molecular and Cellular Biology and Introduction to Molecular and Cellular Biology Lab				HAS 120 First Aid	1
or				HAS 130 Personal and Community Health	3
BIO 122 & BIO 122D Introduction to Organismic Biology and Introduction to Organismic Biology Lab				HAS 170 Applied Nutrition	3
GES 130 Christianity Western Culture	4				
GES 160 Inquiry Seminar	3				
PSY 100 Introduction to Psychology	3				
	14		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	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			Contemporary Western Life and Thought (L) course	3
Leisure and Lifetime Sports (Q) course	1			World Cultures (U) course	3
Second Language (S) course *1	4			Elective	3
	16		3		16
THIRD YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
HAS 247 Motor Development and Learning	3	Elective		HAS 375 Biomechanics	3
HAS 379 Integrative Human Physiology	3			HAS 393 Literature Review in Biokinetics	1
HAS 440 Advanced Training for Human Performance	3			HAS 399 Physiological Assessment	3
Comparative Systems (G) course	3			Artistic Experience (A) course	0-3
Cross-Cultural Experience (Z) course	0-3			Interpreting Biblical Themes (J) course	3
				Elective	4
	*12-15		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 Clinical Neuromuscular Interventions	3			HAS 495 Biokinetics Symposium	1
HAS 494 Biokinetics Research	1			Contemporary Christian Issues (P) course	3
Science, Technology, and Society (K) course	3			Electives	6
Electives	4				
	14		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 [CHE 113/CHE 113D](#) and [HAS 250M](#) to meet the General Education Laboratory Science (D) course and Mathematics (M) course 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) 2020-2021: Option 2 - Humanities

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 104 & BIO 104D Human Biology and Human Biology Lab		GES 147 Humanities II: Renaissance and Reformation	4	BIB 101 Introduction to the Bible	3
or	4			GES 140 Introduction to Wellbeing	3
BIO 120 & BIO 120D Introduction to Molecular and Cellular Biology and Introduction to Molecular and Cellular Biology Lab				GES 244 Humanities III: European Enlightenment and American Culture to 1877	4
or				HAS 170 Applied Nutrition	3
BIO 122 & BIO 122D Introduction to Organismic Biology and Introduction to Organismic Biology Lab					
GES 145 Humanities I: Greco-Roman through Middle Ages	4				
HAS 130 Personal and Community Health	3				
PSY 100 Introduction to Psychology	3				
	14		4		13
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 214 & BIO 215 Human Anatomy and Human Anatomy Lab		4 World Cultures (U) course	3	BIO 216 & BIO 217 Human Physiology and Human Physiology Lab	4
CHE 113 & CHE 113D General Chemistry I and General Chemistry I Lab	4			HAS 120 First Aid	1
GES 246 Humanities IV: Modern and Contemporary Western Culture	4			HAS 247 Motor Development and Learning	3
HAS 250M Statistics and Research Methods in Applied Health Sciences	3			HAS 370 Functional Human Nutrition	3
				Leisure and Lifetime Sports (Q) course	1
				Elective	3
	15		3		15
THIRD YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
HAS 379 Integrative Human Physiology	3	Elective	3	HAS 375 Biomechanics	3
HAS 440 Advanced Training for Human Performance	3			HAS 393 Literature Review in Biokinetics	1
Comparative Systems (G) course	3			HAS 399 Physiological Assessment	3
Second Language (S) course *1	4			Artistic Experience (A) course	0-3
Elective	3			Interpreting Biblical Themes (J) course	3
				Elective	3
	16		3		13-16
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 Clinical Neuromuscular Interventions	3			HAS 495 Biokinetics Symposium	1
HAS 494 Biokinetics Research	1			Contemporary Christian Issues (P) course	3
Science, Technology, and Society (K) course	3			Electives	6
Cross-Cultural Experience (Z) course	0-3				
Elective	3				
	13-16		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 [CHE 113/CHE 113D](#) and [HAS 250M](#) to meet the General Education Laboratory Science (D) course and Mathematics (M) course 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.)