

## B.S. in Biokinetics (Human Bioenergetics) 2017-2018: Option 1 - CWILT

First Year					
Fall	Credits	Interim	Credits	Spring	Credits
BIO120 & BIO121D Introduction to Molecular and Cellular Biology and Lab or BIO122/122D Introduction to Organismic Biology and Lab	4	<u>GES125 Introduction to the Creative Arts</u>	4	<u>BIB101 Introduction to the Bible</u> <u>GES1XX Introduction to Wellbeing</u>	3 3
GES1XX Inquiry Seminar	3			HAS170 Applied Nutrition	3
PSY100 Introduction to Psychology	3			Second Language (S) course *1	4
<u>GES130 Christianity Western Culture</u>	4				
HAS120 First Aid	1				
	15		4		13
Second Year					
Fall	Credits	Interim	Credits	Spring	Credits
CHE113 & 113D General Chemistry I and General Chemistry I Lab	4	<u>THE201 Christian Theology</u>	3	<u>HAS3XX Human Functional Nutrition</u>	3
BIO214 & BIO215 Human Anatomy and Human Anatomy Lab	4			BIO216 & BIO217 Human Physiology and Human Physiology Lab	4
<u>HAS250M Statistics and Research Methods in Applied Health Sciences</u>	3			CHE214 & CHE215 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
<u>HAS247 Motor Development and Learning</u>	3	Elective	3	HAS375 Biomechanics	3
<u>HAS379 Integrative Human Physiology</u>	3			<u>HAS398 Physiological Assessment Laboratory</u>	1
PHY202	4			<u>HAS393 Literature Review in Biokinetics</u>	1
Interpreting Biblical Themes (J) course	3			<u>HAS399 Physiological Assessment</u>	3
Cross-Cultural Experience (Z) course	0-3			Comparative Systems (G) course	3
	13-16		3	Science, Technology, and Society (K) course	3
				Artistic Experience (A) course	0-3
					13-16
Fourth Year					
Fall	Credits	Interim	Credits	Spring	Credits
<u>HAS445 Advanced Laboratory Techniques in Biokinetics</u>	3	Interim Off		<u>HAS481 Internship in Human Kinetics and Applied Health Science</u>	3
<u>HAS450 Physiology and Interventions in Disabilities and Chronic Disease</u>	3			<u>HAS495 Biokinetics Symposium</u>	1
<u>HAS494 Biokinetics Research</u>	1			Contemporary Christian Issues (P) course	3
Electives	6			Electives	7
	13		0		14
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 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 (Human Bioenergetics) 2017-2018: Option 2 - Humanities

First Year					
Fall	Credits	Interim	Credits	Spring	Credits
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	HAS120 First Aid	1
GES145 Humanities I: Greco-Roman through Middle Ages	4			HAS170 Applied Nutrition	3
BIB101 Introduction to the Bible	3			PSY100 Introduction to Psychology	3
GES1XX Introduction to Wellbeing	3			World Cultures (U) course	3
				GES244 Humanities III: European Enlightenment and American Culture to 1877	4
	14		4		14
Second Year					
Fall	Credits	Interim	Credits	Spring	Credits
CHE113 & 113D General Chemistry I and General Chemistry I Lab	4	Comparative Systems (G) course	3	BIO216 & BIO217 Human Physiology and Human Physiology Lab	4
BIO214 & BIO215 Human Anatomy and Human Anatomy Lab	4			HAS3XX Functional Human Nutrition	3
HAS250M Statistics and Research Methods in Applied Health Sciences	3			CHE214 & CHE215 General Chemistry II and General Chemistry II Lab	4
GES246 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
HAS247 Motor Development and Learning	3	Elective	3	HAS375 Biomechanics	3
HAS379 Integrative Human Physiology	3			HAS398 Physiological Assessment Laboratory	1
PHY202 & 202D Introductory Physics I and Introductory Physics I Lab	4			HAS393 Literature Review in Biokinetics	1
Second Language (S) course *1	4			HAS399 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		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
Electives	6			Electives	6
	13		0		13

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\*1 Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)

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