## B.S. in Biokinetics (Human Bioenergetics) 2020-2021: Option 1 - CWILT

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PSY 100 Introduction to Psychology0InterfaceInterfaceInterfaceSEGON VEXA: FallControlSpringControlControlSpringControlControlSpringControlControlSpringControlControlSpringControlSpringControlSpringControlSpringControlSpringControlSpringControlSpringControlSpringControlSpringControlSpringControlSpringControlSpringControlSpringControlSpringSp	GES 160 Inquiry Seminar	3			HAS 170 Applied Nutrition	
PSY 100 Introduction to Psychology   3   Image: Psychology   1 <th1< th="">   1   1   1   <t< td=""><td>HAS 120 First Aid</td><td>1</td><td></td><td></td><td>Second Language (S) course *1</td><td></td></t<></th1<>	HAS 120 First Aid	1			Second Language (S) course *1	
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HAS 250M Statistics and Research Methods in Applied Health. Sciences Scie						
Sciences Science		3				
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Image: Second	Cross-Cultural Experience (Z) course	0-3			Comparative Systems (G) course	
13-16   3   3   1     FOURTH YEAR     Fall   Credits   Interim   Credits   Spring   Credits   Credits   Credits   Spring   Credits   Credits   Spring   Credits <t< td=""><td></td><td></td><td></td><td></td><td>Science, Technology, and Society (K) course</td><td></td></t<>					Science, Technology, and Society (K) course	
13-16   3   3   1     FOURTH YEAR     Fall   Credits   Interim   Credits   Spring   Credits   Credits   Credits   Spring   Credits   Credits   Spring   Credits <t< td=""><td></td><td></td><td></td><td></td><td>Artistic Experience (A) course</td><td>0-</td></t<>					Artistic Experience (A) course	0-
FOURTH YEAR     Fail   Credits   Spring   Cr		13-16		3		14-1
HAS 450 Clinical Neuromuscular Interventions   3   Interim Off   HAS 490   HAS 481 Internship in Human Kinetics and Applied Health Science   HAS 495 Biokinetics Symposium     HAS 445 Advanced Laboratory Techniques in Biokinetics   3   Interim Off   HAS 490   HAS 495 Biokinetics Symposium   Interim Off   HAS 495 Biokinetics Symposium   Interim Off   HAS 495 Biokinetics Symposium   Interim Off   Interim Off   Interim Off   HAS 495 Biokinetics Symposium   Interim Off   Interim Off   Interim Off   HAS 495 Biokinetics Symposium   Interim Off   Interimoff   Interim Off   Interim	FOURTH YEAR					
HAS 44S Advanced Laboratory Techniques in Biokinetics 3 HAS 44S Advanced Laboratory Techniques in Biokinetics Symposium 4   HAS 44S Advanced Laboratory Techniques in Biokinetics 1 Contemporary Christian Issues (P) course 1   Electives 6 Electives Electives 0	Fall	Credits	Interim	Credits	Spring	Credit
HAS 494 Biokinetics Research 1 Contemporary Christian Issues (P) course   Electives 6 Electives	HAS 450 Clinical Neuromuscular Interventions				HAS 481 Internship in Human Kinetics and Applied Health Science	
Electives 6 Electives 0 Electi	HAS 445 Advanced Laboratory Techniques in Biokinetics	3			HAS 495 Biokinetics Symposium	
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	Electives				Electives	
Total Credits 122-128		13		0		1
Total Credits 122-128						
Total Credits 122-128						
LANI ALANIA IN IN	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 (Human Bioenergetics) 2020-2021: Option 2 - Humanities

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credi
BIB 101 Introduction to the Bible		GES 147 Humanities II: Renaissance and Reformation		GES 244 Humanities III: European Enlightenment and American	
BIO 120	4			HAS 120 First Aid	
& BIO 120D					
ntroduction to Molecular and Cellular Biology and Introduction to Molecular					
and Cellular Biology Lab					
GES 140 Introduction to Wellbeing	3			HAS 170 Applied Nutrition	
GES 145 Humanities I: Greco-Roman through Middle Ages	4			PSY 100 Introduction to Psychology	
				World Cultures (U) course	
	14		4		
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credi
BIO 214	4	Comparative Systems (G) course	3	<u>BIO 216</u>	
& BIO 215				& BIO 217	
Human Anatomy and Human Anatomy Lab				Human Physiology and Human Physiology Lab	L
<u>CHE 113</u>	4			<u>CHE 214</u>	
& CHE 113D				& CHE 215	
General Chemistry I and General Chemistry I Lab				General Chemistry II and General Chemistry II Lab	
GES 246 Humanities IV: Modern and Contemporary Western Culture	4			HAS 370 Functional Human Nutrition	
HAS 250M Statistics and Research Methods in Applied Health	3			Electives	
Leisure and Lifetime Sports (Q) course	1				
	16		3		1
THIRD YEAR	0		0		0
Fall		Interim Elective	Credits		Credi
HAS 247 Motor Development and Learning				HAS 375 Biomechanics	
	2			HAS 393 Literature Review in Biokinetics	
HAS 379 Integrative Human Physiology	3				
PHY 202	3			HAS 398 Physiological Assessment Laboratory	
PHY 202 & PHY 202D				HAS 398 Physiological Assessment Laboratory	
PHY 202 & PHY 202D ntroductory Physics I and Introductory Physics I Lab	4				
PHY 202 & PHY 202D ntroductory Physics I and Introductory Physics I Lab Second Language (S) course *1	4			HAS 399 Physiological Assessment	
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PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab Second Language (S) course *1	4			HAS 399 Physiological Assessment Artistic Experience (A) course Interpreting Biblical Themes (J) course	0
PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab Second Language (S) course *1	4 4 0-3			HAS 399 Physiological Assessment Artistic Experience (A) course Interpreting Biblical Themes (J) course Science, Technology, and Society (K) course	0
PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab Second Language (S) course *1 Cross-Cultural Experience (Z) course	4			HAS 399 Physiological Assessment Artistic Experience (A) course Interpreting Biblical Themes (J) course Science, Technology, and Society (K) course	0.
PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab Second Language (S) course *1 Cross-Cultural Experience (Z) course FOURTH YEAR	4 0-3 14-17			HAS 399 Physiological Assessment Artistic Experience (A) course Interpreting Biblical Themes (J) course Science, Technology, and Society (K) course	0- 14-1
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PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab Second Language (S) course *1 Cross-Cultural Experience (Z) course FOURTH YEAR Fall HAS 445 Advanced Laboratory Techniques in Biokinetics	4 0-3 14-17 Credits 3	Interim Off	3 Credits	HAS 399 Physiological Assessment Artistic Experience (A) course Interpreting Biblical Themes (J) course Science, Technology, and Society (K) course Spring HAS 481 Internship in Human Kinetics and Applied Health Science	0 14-1 Credi
PHY 202     & PHY 202D     Introductory Physics I and Introductory Physics I Lab     Second Language (S) course *1     Cross-Cultural Experience (Z) course     FOURTH YEAR     Fall     HAS 445 Advanced Laboratory Techniques in Biokinetics     HAS 450 Clinical Neuromuscular Interventions	4 0-3 14-17 Credits	Interim Off	3 Credits	HAS 399 Physiological Assessment Artistic Experience (A) course Interpreting Biblical Themes (J) course Science, Technology, and Society (K) course Spring HAS 481 Internship in Human Kinetics and Applied Health Science HAS 495 Biokinetics Symposium	0 14- Credi
PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab Second Language (S) course *1 Cross-Cultural Experience (Z) course FOURTH YEAR Fall HAS 445 Advanced Laboratory Techniques in Biokinetics HAS 450 Clinical Neuromuscular Interventions HAS 494 Biokinetics Research	4 0-3 14-17 Credits 3 3 1	Interim Off	3 Credits	HAS 399 Physiological Assessment Artistic Experience (A) course Interpreting Biblical Themes (J) course Science, Technology, and Society (K) course Spring HAS 481 Internship in Human Kinetics and Applied Health Science HAS 495 Biokinetics Symposium Contemporary Christian Issues (P) course	0 14- <sup>7</sup> Credi
HAS 379 Integrative Human Physiology PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab Second Language (S) course *1 Cross-Cultural Experience (Z) course FOURTH YEAR Fall HAS 445 Advanced Laboratory Techniques in Biokinetics HAS 450 Clinical Neuromuscular Interventions HAS 494 Biokinetics Research Electives	4 0-3 14-17 Credits 3 3 1 6	Interim Off	3 Credits	HAS 399 Physiological Assessment Artistic Experience (A) course Interpreting Biblical Themes (J) course Science, Technology, and Society (K) course Spring HAS 481 Internship in Human Kinetics and Applied Health Science HAS 495 Biokinetics Symposium	0 14-1 Credi
PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab Second Language (S) course *1 Cross-Cultural Experience (Z) course FOURTH YEAR Fall HAS 445 Advanced Laboratory Techniques in Biokinetics HAS 450 Clinical Neuromuscular Interventions HAS 494 Biokinetics Research	4 0-3 14-17 Credits 3 3 1	Interim Off	3 Credits	HAS 399 Physiological Assessment Artistic Experience (A) course Interpreting Biblical Themes (J) course Science, Technology, and Society (K) course Spring HAS 481 Internship in Human Kinetics and Applied Health Science HAS 495 Biokinetics Symposium Contemporary Christian Issues (P) course	0 14-1 Credi

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