

B.S. in Biokinetics (Human Bioenergetics) 2022-2023: Option 1 - CWILT

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 120 & BIO 120D <small>Introduction to Molecular and Cellular Biology and Introduction to Molecular and Cellular Biology Lab</small>	4	GES 125 Introduction to the Creative Arts	4	BIB 101 Introduction to the Bible	3
GES 130 Christianity Western Culture	4			GES 140 Introduction to Wellbeing	3
GES 160 Inquiry Seminar	3			HAS 170 Applied Nutrition	3
HAS 120 First Aid	1			Second Language (S) course *1	4
PSY 100 Introduction to Psychology	3				
	15		4		13
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
CHE 113 & CHE 113D <small>General Chemistry I and General Chemistry I Lab</small>	4	THE 201 Christian Theology	3	HAS 247 Motor Development and Learning	3
BIO 214 & BIO 215 <small>Human Anatomy and Human Anatomy Lab</small>	4			BIO 216 & BIO 217 <small>Human Physiology and Human Physiology Lab</small>	4
HAS 250M Statistics and Research Methods in Applied Health Sciences	3			CHE 214 & CHE 215 <small>General Chemistry II and General Chemistry II Lab</small>	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 370 Functional Human Nutrition	3	Elective	3	HAS 375 Biomechanics	3
HAS 379 Integrative Human Physiology	3			HAS 393 Literature Review in Biokinetics	1
PHY 202 & PHY 202D <small>Introductory Physics I and Introductory Physics I Lab</small>	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 450 Clinical Neuromuscular Interventions	3	Interim Off		HAS 481 Internship in Human Kinetics and Applied Health Science	3
HAS 445 Advanced Laboratory Techniques in Biokinetics	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 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) 2022-2023: Option 2 - Humanities

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIB 101 Introduction to the Bible	3	GES 147 Humanities II: Renaissance and Reformation	4	GES 244 Humanities III: European Enlightenment and American	4
BIO 120 & BIO 120D Introduction to Molecular and Cellular Biology and Introduction to Molecular and Cellular Biology Lab	4			HAS 120 First Aid	1
GES 140 Introduction to Wellbeing	3			HAS 170 Applied Nutrition	3
GES 145 Humanities I: Greco-Roman through Middle Ages	4			PSY 100 Introduction to Psychology	3
				World Cultures (U) course	3
	14		4		14
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
BIO 214 & BIO 215 Human Anatomy and Human Anatomy Lab	4	Comparative Systems (G) course		BIO 216 & BIO 217 Human Physiology and Human Physiology Lab	4
CHE 113 & CHE 113D General Chemistry I and General Chemistry I Lab	4			CHE 214 & CHE 215 General Chemistry II and General Chemistry II Lab	4
GES 246 Humanities IV: Modern and Contemporary Western	4			HAS 370 Functional Human Nutrition	3
HAS 250M Statistics and Research Methods in Applied Health	3			Elective	4
Leisure and Lifetime Sports (Q) course	1				
	16		3		16
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 *1	4			HAS 399 Physiological Assessment	3
Cross-Cultural Experience (Z) course	0-3			Artistic Experience (A) course	0-3
				Interpreting Biblical Themes (J) course	3
				Science, Technology, and Society (K) course	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 Clinical Neuromuscular Interventions	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 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) 2022-2023

FIRST YEAR					
Fall	Credits	January Session	Credits	Spring	Credits
BIO 120 & BIO 120D Introduction to Molecular and Cellular Biology and Introduction to Molecular and Cellular Biology Lab	4			HAS 250M Statistics and Research Methods in Applied HAS 370 Functional Human Nutrition BIO 214 [1]	3 3 4
HAS 170 Applied Nutrition	3			& BIO 215	
PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab	4			Human Anatomy and Human Anatomy Lab BIB 101 Introduction to the Bible *1	3
PSY 100 Introduction to Psychology [2]	3				
	14				13
SECOND YEAR					
Fall	Credits	January Session	Credits	Spring	Credits
CHE 113 & CHE 113D General Chemistry I and General Chemistry I Lab	4	Contemporary Christian Issues (P) course	3	HAS 375 Biomechanics CHE 214 & CHE 215	3 4
HAS 247 Motor Development and Learning [3]	3			General Chemistry II and General Chemistry II Lab	
BIO 216 & BIO 217 Human Physiology and Human Physiology Lab	4			HAS 379 Integrative Human Physiology HAS 393 Literature Review in Biokinetics [4] HAS 398 Physiological Assessment Laboratory [5]	3 1 1
GES 130 Christianity Western Culture [6]	4			HAS 399 Physiological Assessment [7]	3
	15		4		15
THIRD YEAR					
Fall	Credits	January Session	Credits	Spring	Credits
HAS 445 Advanced Laboratory Techniques in Biokinetics	3				
HAS 494 Biokinetics Research [9]	1				
HAS 450 Clinical Neuromuscular Interventions [10]	3				
HAS 495 Biokinetics Symposium *2 [11]	1				
HAS 481 Internship in Human Kinetics and Applied Health Science [12]	3				
HAS 120 First Aid [13]	1				
	12				
Total Credits: 73 at Bethel + 60 in AA degree = 133					
*1. Must take one Biblical Foundations courses at Bethel					
*2. Students need to take this course as a "Course by Arrangement" since it is only offered in the spring, as well as get instructor consent to take this course concurrently with HAS494					
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/term; Minnesota state grants are reduced when credit load falls below 15 credits/semester. January Session credits are counted as part of Spring Term.					

[1] fall, spring, occ. summer

Preq: One of the following: BIO 104/BIO 104D, BIO 120/BIO 120D, BIO 122/BIO 122D, BIO 124/BIO 124D, BIO 128/BIO 128D.

[2] fall, spring

[3] fall, spring

BIO 214/215

[4] spring

Coreq: Concurrent registration in HAS 398 and HAS 399.

[5] spring

Preq: HAS 379, (may be taken concurrently). Coreq: HAS 393 and HAS 399.

[6] fall, interim, spring

[7] spring

Preq: HAS 379 (may be taken concurrently). Coreq: HAS 393 and HAS 398.

[8] fall

Preq.: HAS399

[9] fall

Preq.: HAS393

[10] fall, spring

Preq: HAS 375 and HAS 399

[11] spring,

PQ: HAS494

[12] fall, spring

Preq: HAS 399 or Consent of instructor.

[13] fall, spring