## B.S. in Human Bioenergetics 2023-2024: Option 1 - CWILT

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Fall	Credits	January Session	Credits	Spring	Credits
AHS 100 Foundations in Applied Health Science	1	GES 130 Christianity Western Culture	4	PSY 100 Introduction to Psychology	3
AHS 170 Applied Nutrition	3			BIO 124/BIO 124D Integrative Biology: Genes, Cells, Change or BIO 128/BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity	4
BIO 124/BIO 124D Integrative Biology: Genes, Cells, Change or BIO 128/BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity	4			GES 160 Inquiry Seminar	3
GES 140 Introduction to Wellbeing	2			Second Language (S) course *1	4
GES 125 Introduction to the Creative Arts	4				
	14		4		14
SECOND YEAR					
Fall	Credits	January Session	Credits	Spring	Credits
AHS 250M Statistics and Research Methods in Applied Health Science	3	THE 201 Christian Theology	3	AHS 375 Biomechanics	3
BIO 214/BIO 215 Human Anatomy	4			AHS 376 Functional Anatomy Lab	1
CHE 113/CHE 113D General Chemistry I	4			BIO 216/BIO 217 Human Physiology	4
BIB 101 Introduction to the Bible	3			CHE 214/CHE 215 General Chemistry II	4
Artistic Experience (A) course	0-3			Contemporary Western Life & Thought (L) course	3
				Cross-Cultural Experience (Z) course	0-3
	14-17		3		15-18
THIRD YEAR					
Fall	Credits	January Session	Credits	Spring	Credits
World Cultures (U) course	3	Interpreting Biblical Themes (J) course	3	AHS 370 Functional Nutrition	3
AHS 379 Integrative Human Physiology	3			AHS 399 Physiological Assessment	3
AHS 380 Integrative Human Physiology Lab	1			AHS 393 Literature Review in Biokinetics	1
CHE 224/CHE 225 Organic Chemistry I	4			Advanced Prep Elective	4
AHS 247 Motor Development and Learning	3			Comparative Systems (G) course	3
	14		3		14
FOURTH YEAR					
Fall	Credits	January Session	Credits	Spring	Credits
AHS 494 Biokinetics Research	1	January Off	0	AHS 445 Advanced Laboratory Techniques in Biokinetics	3
PHY 202/PHY202D Introductory Physics I or PHY 292/PHY 292D General Physics I	4			AHS 481 Internship in Applied Health Sciences	1-4
Science, Technology, and Society (K) course	3			AHS 495 Biokinetics Symposium	1
Advanced Prep Elective	4			Advanced Prep Elective	4
Elective	3			Contemporary Christian Issues (P) Course	3
	15		0		12-15
Total Credits 122-131					
*1. Students must complete through the second semester of a					
	a first year lang	guage course or equivalent (Check the catalog for details of this	s option.)		

low 15 credits/semester. January sion credits are cour ed as part of Spring Term

## B.S. in Human Bioenergetics 2023-2024: Option 2 - Humanities

FIRST YEAR					
Fall	Credits	January Session	Credits	Spring	Credits
AHS 100 Foundations in Applied Health Science	1	GES 147 Humanities II: Renaissance and Reformation	4	PSY 100 Introduction to Psychology	3
AHS 170 Applied Nutrition	3			BIO 124/BIO 124D Integrative Biology: Genes, Cells, Change or BIO 128/BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity	4
BIO 124/BIO 124D Integrative Biology: Genes, Cells, Change or BIO 128/BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity	4			GES 244 Humanities III: European Enlightenment and American Culture to 1877	4
GES 140 Introduction to Wellbeing	2			Second Language (S) course *1	4
GES 145 Humanities I: Greco-Roman through Middle Ages	4				
	14		4		15
SECOND YEAR					
Fall	Credits	January Session	Credits	Spring	Credits
AHS 250M Statistics and Research Methods in Applied Health Science	3	BIB 101 Introduction to the Bible	3	AHS 375 Biomechanics	3
BIO 214/BIO 215 Human Anatomy	4			AHS 376 Functional Anatomy Lab	1
CHE 113/CHE 113D General Chemistry I	4			BIO 216/BIO 217 Human Physiology	4
GES 246 Humanities IV: Modern and Contemporary Western Culture	4			CHE 214/CHE 215 General Chemistry II	4
				Elective	3
	15		3		15
THIRD YEAR					
Fall	Credits	January Session	Credits	Spring	Credits
Fall Artistic Experience (A) course		January Session Interpreting Biblical Themes (J) course	-	Spring AHS 370 Functional Nutrition	Credits 3
		Interpreting Biblical Themes (J) course	-		
Artistic Experience (A) course	0-3	Interpreting Biblical Themes (J) course		AHS 370 Functional Nutrition	3
Artistic Experience (A) course World Cultures (U) course	0-3 3	Interpreting Biblical Themes (J) course		AHS 370 Functional Nutrition AHS 399 Physiological Assessment	3
Artistic Experience (A) course World Cultures (U) course AHS 379 Integrative Human Physiology AHS 380 Integrative Human Physiology Lab CHE 224/CHE 225 Organic Chemistry I	0-3 3 3 1 4	Interpreting Biblical Themes (J) course		AHS 370 Functional Nutrition AHS 399 Physiological Assessment AHS 393 Literature Review in Biokinetics	3
Artistic Experience (A) course World Cultures (U) course AHS 379 Integrative Human Physiology AHS 380 Integrative Human Physiology Lab	0-3 3 3 1	Interpreting Biblical Themes (J) course		AHS 370 Functional Nutrition AHS 399 Physiological Assessment AHS 393 Literature Review in Biokinetics Advanced Prep Elective	3 3 1 4
Artistic Experience (A) course World Cultures (U) course <u>AHS 379 Integrative Human Physiology</u> AHS 380 Integrative Human Physiology Lab CHE 224/CHE 225 Organic Chemistry I AHS 247 Motor Development and Learning	0-3 3 3 1 4	Interpreting Biblical Themes (J) course		AHS 370 Functional Nutrition AHS 399 Physiological Assessment AHS 393 Literature Review in Biokinetics Advanced Prep Elective Comparative Systems (G) course	3 3 1 4
Artistic Experience (A) course World Cultures (U) course AHS 379 Integrative Human Physiology AHS 380 Integrative Human Physiology Lab CHE 224/CHE 225 Organic Chemistry I	0-3 3 3 1 4 3	Interpreting Biblical Themes (J) course	3	AHS 370 Functional Nutrition AHS 399 Physiological Assessment AHS 393 Literature Review in Biokinetics Advanced Prep Elective Comparative Systems (G) course	3 3 1 4 3
Artistic Experience (A) course World Cultures (U) course <u>AHS 379 Integrative Human Physiology</u> AHS 380 Integrative Human Physiology Lab CHE 224/CHE 225 Organic Chemistry I AHS 247 Motor Development and Learning	0-3 3 1 4 3 14-17	Interpreting Biblical Themes (J) course	3	AHS 370 Functional Nutrition AHS 399 Physiological Assessment AHS 393 Literature Review in Biokinetics Advanced Prep Elective Comparative Systems (G) course	3 3 1 4 3
Artistic Experience (A) course World Cultures (U) course AHS 379 Integrative Human Physiology AHS 380 Integrative Human Physiology Lab CHE 224(CHE 225 Organic Chemistry I AHS 247 Motor Development and Learning FOURTH YEAR	0-3 3 1 4 3 14-17 Credits	Interpreting Biblical Themes (J) course	3 Credits	AHS 370 Functional Nutrition AHS 399 Physiological Assessment AHS 393 Literature Review in Biokinetics Advanced Prep Elective Comparative Systems (G) course	3 3 1 4 3 14
Artistic Experience (A) course World Cultures (U) course AHS 379 Integrative Human Physiology AHS 380 Integrative Human Physiology Lab CHE 224/CHE 225 Organic Chemistry I AHS 247 Motor Development and Learning FOURTH YEAR Fall	0-3 3 1 4 3 14-17 Credits	Interpreting Biblical Themes (J) course January Session January Off	3 Credits	AHS 370 Functional Nutrition AHS 399 Physiological Assessment AHS 393 Literature Review in Biokinetics Advanced Prep Elective Comparative Systems (G) course Spring	3 3 1 4 3 14 14 Credits
Artistic Experience (A) course World Cultures (U) course AHS 379 Integrative Human Physiology AHS 380 Integrative Human Physiology Lab CHE 224/CHE 225 Organic Chemistry I AHS 247 Motor Development and Learning FOURTH YEAR Fall AHS 494 Biokientics Research PHY 202/PHY202D Introductory Physics I or PHY 292/PHY	0-3 3 1 4 3 3 14-17 Credits 1	Interpreting Biblical Themes (J) course January Session January Off	3 Credits	AHS 370 Functional Nutrition AHS 399 Physiological Assessment AHS 393 Literature Review in Biokinetics Advanced Prep Elective Comparative Systems (G) course Spring AHS 445 Advanced Laboratory Techniques in Biokinetics	3 3 1 4 3 14 14 Credits 3
Artistic Experience (A) course World Cultures (U) course AHS 379 Integrative Human Physiology AHS 380 Integrative Human Physiology Lab CHE 224/CHE 225 Organic Chemistry I AHS 247 Motor Development and Learning FOURTH YEAR Fall AHS 494 Biokientics Research PHY 202/PHY202D Introductory Physics I or PHY 292/PHY 292D General Physics I	0-3 3 3 1 4 4 3 14-17 Credits 1 4	Interpreting Biblical Themes (J) course January Session January Off	3 Credits	AHS 370 Functional Nutrition AHS 399 Physiological Assessment AHS 393 Literature Review in Blokinetics Advanced Prep Elective Comparative Systems (G) course Spring AHS 445 Advanced Laboratory Techniques in Blokinetics AHS 481 Internship in Applied Health Sciences	3 3 1 4 3 14 Credits 3 1-4
Artistic Experience (A) course World Cultures (U) course AHS 379 Integrative Human Physiology AHS 380 Integrative Human Physiology Lab CHE 224/CHE 225 Organic Chemistry I AHS 247 Motor Development and Learning FOURTH YEAR Fall AHS 494 Biokientics Research PHY 202/PHY202D Introductory Physics I or PHY 292/PHY 292D General Physics I Science, Technology, and Society (K) course	0-3 3 1 4 3 14-17 Credits 1 4 3	Interpreting Biblical Themes (J) course January Session January Off	3 Credits	AHS 370 Functional Nutrition AHS 399 Physiological Assessment AHS 393 Literature Review in Biokinetics Advanced Prep Elective Comparative Systems (G) course Spring AHS 445 Advanced Laboratory Techniques in Biokinetics AHS 481 Internship in Applied Health Sciences AHS 495 Biokinetics Symposium	3 3 1 4 3 14 Credits 3 1-4
Artistic Experience (A) course World Cultures (U) course AHS 379 Integrative Human Physiology AHS 380 Integrative Human Physiology Lab CHE 224/CHE 225 Organic Chemistry I AHS 2447 Motor Development and Learning FOURTH YEAR Fall AHS 494 Biokientics Research PHY 202/PHY202D Introductory Physics I or PHY 292/PHY 202D General Physics I Science, Technology, and Society (K) course Advanced Prep Elective	0-3 3 1 4 3 3 14-17 Credits 1 4 4 3 3 4	Interpreting Biblical Themes (J) course January Session January Off	3 Credits	AHS 370 Functional Nutrition AHS 399 Physiological Assessment AHS 393 Literature Review in Biokinetics Advanced Prep Elective Comparative Systems (G) course Spring AHS 445 Advanced Laboratory Techniques in Biokinetics AHS 445 Internship in Applied Health Sciences AHS 495 Biokinetics Symposium Advanced Prep Elective Contemporary Christian Issues (P) Course	3 3 1 4 3 14 Credits 3 14 14 1
Artistic Experience (A) course World Cultures (U) course AHS 379 Integrative Human Physiology AHS 380 Integrative Human Physiology Lab CHE 224/CHE 225 Organic Chemistry I AHS 247 Motor Development and Learning FOURTH YEAR Fall AHS 494 Biokientics Research PHY 202/PHY202D Introductory Physics I or PHY 292/PHY 202D General Physics I Science, Technology, and Society (K) course Advanced Prep Elective	0-3 3 3 1 4 3 14-17 Credits 1 4 3 4 0-3	Interpreting Biblical Themes (J) course January Session January Off	3 Credits 0	AHS 370 Functional Nutrition AHS 399 Physiological Assessment AHS 393 Literature Review in Biokinetics Advanced Prep Elective Comparative Systems (G) course Spring AHS 445 Advanced Laboratory Techniques in Biokinetics AHS 445 Internship in Applied Health Sciences AHS 495 Biokinetics Symposium Advanced Prep Elective Contemporary Christian Issues (P) Course	3 3 1 4 3 14 Credits 3 1-4 1 4 3
Artistic Experience (A) course World Cultures (U) course AHS 379 Integrative Human Physiology AHS 380 Integrative Human Physiology Lab CHE 224/CHE 225 Organic Chemistry I AHS 247 Motor Development and Learning FOURTH YEAR Fall AHS 494 Biokientics Research PHY 202/PHY202D Introductory Physics I or PHY 292/PHY 292D General Physics I Science, Technology, and Society (K) course Advanced Prep Elective Cross-Cultural Experience (Z) course	0-3 3 3 1 4 3 14-17 Credits 1 4 3 4 0-3	Interpreting Biblical Themes (J) course January Session January Off	3 Credits 0	AHS 370 Functional Nutrition AHS 399 Physiological Assessment AHS 393 Literature Review in Biokinetics Advanced Prep Elective Comparative Systems (G) course Spring AHS 445 Advanced Laboratory Techniques in Biokinetics AHS 445 Internship in Applied Health Sciences AHS 495 Biokinetics Symposium Advanced Prep Elective Contemporary Christian Issues (P) Course	3 3 1 4 3 14 Credits 3 1-4 1 4 3

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.

## B.S. in Human Bioenergetics 2023-2024: Sample plan entering with AA Degree

FIRST YEAR					
Fall	Credits	January Session	Credits	Spring	Credits
AHS 100 Foundations in Applied Health Science	1	GES 130 Christianity Western Culture	4	AHS 370 Functional Nutrition	3
AHS 170 Applied Nutrition	3			BIO 128/BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity	4
BIO 124/BIO 124D Integrative Biology: Genes, Cells, Change	4			AHS 250M Statistics and Research Methods in Applied Health Science	3
CHE 113/CHE 113D General Chemistry I	4			BIO 214/BIO 215 Human Anatomy	4
PSY 100 Introduction to Psychology	3			AHS 399 Physiological Assessment	3
				AHS 393 Literature Review in Biokinetics	1
	15		4		18
SECOND YEAR					
Fall	Credits	January Session	Credits	Spring	Credits
BIO 216/BIO 217 Human Physiology	4	BIB 101 Introduction to the Bible	3	CHE 214/CHE 215 General Chemistry II	4
AHS 375 Biomechanics	3			AHS 495 Biokinetics Symposium	1
AHS 376 Functional Anatomy Lab	1			AHS 379 Integrative Human Physiology	3
AHS 445 Advanced Laboratory Techniques in Biokinetics	3			AHS 380 Integrative Human Physiology Lab	1
AHS 247 Motor Development and Learning	3			AHS 481 Internship in Applied Health Sciences	1-4
AHS 494 Biokientics Research	1			Advanced Prep Elective	4
Contemporary Christian Issues (P) Course	3				
	18		3		14-17
THIRD YEAR					
Fall	Credits	January Session	Credits	Spring	Credits
PHY 202/PHY202D Introductory Physics I or PHY 292/PHY 292D General Physics I	4				
Advanced Prep Elective	4				
CHE 224/CHE 225 Organic Chemistry I	4				
Advanced Prep Elective	4				
	16				
Total Credits 88-91 at Bethel + 60 in AA degree = 148-151					

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.