

B.A. in Biokinetics (Exercise Science)/M.S. in Athletic Training (3+2 option) 2019-2020: Option 1 - CWILT

FIRST YEAR						
Fall	Credits	Interim	Credits	Spring	Credits	
BIO 104 & BIO 104D *2 Human Biology and Human Biology Lab	4	GES 125Introduction to the Creative Arts	4	BIB 101Introduction to the Bible	3	
OR				GES 140Introduction 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 130Personal and Community Health	3	
BIO 122 & BIO 122D *2 Introduction to Organismic Biology and Introduction to Organismic Biology Lab				HAS 170Applied Nutrition	3	
GES 130Christianity Western Culture	4			Leisure and Lifetime Sports (Q) course	1	
GES 160Inquiry Seminar	3					
PSY 100Introduction to Psychology	3					
	14		4		14	
SECOND YEAR						
Fall	Credits	Interim	Credits	Spring	Credits	
BIO 214 & BIO 215 Human Anatomy and Human Anatomy Lab	4	THE 201Christian Theology	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 250M *2 Statistics and Research Methods in Applied Health Sciences	3	
HAS 325Prevention and Care of Athletic Injuries	3			HAS 370Functional Human Nutrition	3	
Second Language (S) course *1	4			PHY 102 & PHY 102D Physics of Everyday Life and Physics of Everyday Life-Lab	4	
Elective	1			Contemporary Western Life and Thought (L) course	3	
	16		3		17	
THIRD YEAR						
Fall	Credits	Interim	Credits	Spring	Credits	Summer
HAS 247Motor Development and Learning	3	Comparative Systems (G) course	3	HAS 375Biomechanics	3	ATRN 630Introduction to Emergency Care
HAS 379Integrative Human Physiology	3			HAS 393Literature Review in Biokinetics	1	
HAS 440Advanced Training for Human Performance	3			HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory	4	
Science, Technology, and Society (K) course	3			Artistic Experience (A) course	0-3	
World Cultures (U) course	3			Interpreting Biblical Themes (J) course	3	
Cross-cultural Experience (Z) course	0-3			Contemporary Christian Issues (P) course	3	
	15-18		3		14-17	3
FOURTH YEAR						
Fall	Credits	Spring	Credits	Summer	Credits	
ATRN 601Lower Extremity Assessment	3	ATRN 602Upper Extremity Assessment	3	ATRN 633Current Topics in Athletic Training	3	
ATRN 611Therapeutic Interventions I	3	ATRN 612Therapeutic Interventions II	3	ATRN 650Evidence-Based Practice in Athletic Training	3	
ATRN 632Advanced Emergency Care	3	ATRN 634Integrative Assessment and Application	3			
ATRN 671Clinical Experience in Athletic Training I	3	ATRN 672Clinical Experience in Athletic Training II	3			
	12				12	6
FIFTH YEAR						
Fall	Credits	Spring	Credits	Summer	Credits	
ATRN 613Therapeutic Interventions III	3	ATRN 631Organization and Administration of Athletic Training	3		3	
ATRN 641Pathology and Medical Conditions	3	ATRN 642General Medical Assessment	3		3	
ATRN 673Clinical Experience in Athletic Training III	3	ATRN 674Clinical Experience in Athletic Training IV	3		3	
ATRN 750Athletic Training Master's Project I	3	ATRN 790Athletic Training Master's Project II	3		3	
	12				12	
Total Credits 157-163						

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

2. This program assumes students will use the BIO 104/104D, BIO 120/120D, CHE 113/113D, and HAS 250M 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.A. in Biokinetics (Exercise Science)/M.S. in Athletic Training (3+2 option) 2019-2020: Option 2 - Humanities

FIRST YEAR						
Fall	Credits	Interim	Credits	Spring	Credits	
BIO 104 & BIO 104D ² Human Biology and Human Biology Lab	4	GES 147 Humanities II: Renaissance and Reformation	4	BIB 101 Introduction to the Bible	3	
OR				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 ² Introduction to Organismic Biology and Introduction to Organismic Biology Lab				Second Language (S) course ¹	4	
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			17
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 250M2 Statistics and Research Methods in Applied Health Sciences	3	
HAS 325 Prevention and Care of Athletic Injuries	3			HAS 370 Functional Human Nutrition	3	
				PHY 102 & PHY 102D Physics of Everyday Life and Physics of Everyday Life-Lab	4	
				Leisure and Lifetime Sports (Q) course	1	
	15		3			16
THIRD YEAR						
Fall	Credits	Interim	Credits	Spring	Credits	Summer
HAS 247 Motor Development and Learning	3	Comparative Systems (G) course	3	HAS 375 Biomechanics	3	ATR 630 Introduction to Emergency Care
HAS 379 Integrative Human Physiology	3			HAS 393 Literature Review in Biokinetics	1	
HAS 440 Advanced Training for Human Performance	3			HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory	4	
Science, Technology, and Society (K) course	3			Artistic Experience (A) course	0-3	
Cross-cultural Experience (Z) course	0-3			Interpreting Biblical Themes (J) course	3	
Elective	2			Contemporary Christian Issues (P) course	3	
	14-17		3		14-17	3
FOURTH YEAR						
Fall	Credits	Spring	Credits	Summer	Credits	
ATR 601 Lower Extremity Assessment	3	ATR 602 Upper Extremity Assessment	3	ATR 633 Current Topics in Athletic Training	3	3
ATR 611 Therapeutic Interventions I	3	ATR 612 Therapeutic Interventions II	3	ATR 650 Evidence-Based Practice in Athletic Training	3	3
ATR 632 Advanced Emergency Care	3	ATR 634 Integrative Assessment and Application	3			
ATR 671 Clinical Experience in Athletic Training I	3	ATR 672 Clinical Experience in Athletic Training II	3			
	12				12	6
FIFTH YEAR						
Fall	Credits	Spring	Credits	Summer	Credits	
ATR 613 Therapeutic Interventions III	3	ATR 631 Organization and Administration of Athletic Training	3			
ATR 641 Pathology and Medical Conditions	3	ATR 642 General Medical Assessment	3			
ATR 673 Clinical Experience in Athletic Training III	3	ATR 674 Clinical Experience in Athletic Training IV	3			
ATR 750 Athletic Training Master's Project I	3	ATR 790 Athletic Training Master's Project II	3			
	12				12	
Total Credits 158-164						

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

2. This program assumes students will use the BIO 104/104D, BIO 120/120D, CHE 113/113D, and HAS 250M 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.)