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

Fall	Credits	Interim	Credits	Spring	Credits	5	
BIO 104	4	GES 125Introduction to the Creative Arts		BIB 101Introduction to the Bible	3	3	
& BIO 104D *2							
Human Biology and Human Biology Lab							
OR				GES 140Introduction to Wellbeing	3	3	
BIO 120				HAS 120 First Aid	1		
& BIO 120D							
Introduction to Molecular and Cellular Biology and							
Introduction to Molecular and Cellular Biology Lab							
OR				HAS 130Personal and Community Health	3		
BIO 122				HAS 170Applied Nutrition	3		
<u>&amp; BIO 122D *2</u>				HAS 170Applied Nutrition	3		
Introduction to Organismic Biology and Introduction to							
Organismic Biology Lab							
GES 130Christianity Western Culture	4			Leisure and Lifetime Sports (Q) course	1		
GES 160Inquiry Seminar	3						
PSY 100Introduction to Psychology	3						
	14		4		14	1	
SECOND YEAR							
Fall	Credits	Interim	Credits	Spring	Credits	5	
<u>BIO 214</u>	4	THE 201Christian Theology	3	BIO 216	4	1	
<u>&amp; BIO 215</u>				<u>&amp; BIO 217</u>			
Human Anatomy and Human Anatomy Lab				Human Physiology and Human Physiology Lab			
CHE 113	4			HAS 250M *2 Statistics and Research Methods in Applied	3	3	
& CHE 113D				Health Sciences			
General Chemistry I and General Chemistry I Lab							
HAS 325Prevention and Care of Athletic Injuries	3			HAS 370Functional Human Nutrition	3	3	
Second Language (S) course *1	4			PHY 102	4	1	
				& PHY 102D			
				Physics of Everyday Life and Physics of Everyday Life-Lab			
Elective	1			Contemporary Western Life and Thought (L) course	3		
	16		3		17		
THIRD YEAR							
Fall	Credits	Interim	Credits	Spring	Credits	s Summer	Credits
Fall HAS 247Motor Development and Learning	Credits 3	Interim Comparative Systems (G) course	Credits 3	Spring HAS 375Biomechanics	Credits	Summer	Credits 3
Fall HAS 247Motor Development and Learning HAS 379Integrative Human Physiology	Credits 3 3	Interim Comparative Systems (G) course	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics	Credits	Summer	Credits 3
Fall HAS 247Motor Development and Learning	Credits 3	Interim Comparative Systems (G) course	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399	Credits	Summer ATRN 630Introduction to Emergency Care	Credits 3
Fall HAS 247Motor Development and Learning HAS 379Integrative Human Physiology	Credits 3 3	Interim Comparative Systems (G) course	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics	Credits	Summer ATRN 630Introduction to Emergency Care	Credits 3
Fall HAS 247Motor Development and Learning HAS 379Integrative Human Physiology	Credits 3 3	Interim Comparative Systems (G) course	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399	Credits	Summer ATRN 630Introduction to Emergency Care	Credits 3
Fall HAS 247Motor Development and Learning HAS 379Integrative Human Physiology	Credits 3 3	Interim Comparative Systems (G) course	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 398	Credits	Summer ATRN 630Introduction to Emergency Care	Credits 3
Fall HAS 247Motor Development and Learning HAS 379Integrative Human Physiology	Credits 3 3	Interim Comparative Systems (G) course	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 <u>&amp; HAS 398</u> Physiological Assessment and Physiological Assessment	Credits	Summer ATRN 630Introduction to Emergency Care	Credits 3
Fall HAS 247Motor Development and Learning HAS 379Integrative Human Physiology HAS 440Advanced Training for Human Performance	Credits 3 3 3	Interim Comparative Systems (G) course	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory	Credits 3 1 4	Summer Summer ATRN 630Introduction to Emergency Care	Credits 3
Fall HAS 247Motor Development and Learning HAS 379Integrative Human Physiology HAS 440Advanced Training for Human Performance Science, Technology, and Society (K) course	Credits 3 3 3 3	Interim Comparative Systems (G) course	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course	Credits 3 1 4 4	Summer ATRN 630Introduction to Emergency Care	Credits 3
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course	Credits 3 3 3 3 3 3 3 3 3	Interim Comparative Systems (G) course	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits 3 1 4 0-3 3 3	Summer ATRN 630Introduction to Emergency Care	Credits
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course         Cross-cultural Experience (Z) course	Credits 3 3 3 3 3 3 0-3	Interim Comparative Systems (G) course	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits 3 1 4 0-3 3	Summer ATRN 630Introduction to Emergency Care	Credits 3
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course	Credits 3 3 3 3 3 3 0-3	Interim Comparative Systems (G) course	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits 3 1 4 0-3 3 3 3 3 14-17	Summer ATRN 630Introduction to Emergency Care	Credits 3 3 3 3 3 3 Credits
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course         Cross-cultural Experience (Z) course         FOURTH YEAR	Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 5 15-18 Credits	Interim Comparative Systems (G) course	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits 3 1 4 4 4 5 7 3 3 3 3 3 1 4-17 Credits	Summer Summer ATRN 630Introduction to Emergency Care	3
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course         Cross-cultural Experience (Z) course         FOURTH YEAR         Fall         ATRN 601Lower Extremity Assessment	Credits 3 3 3 3 3 3 3 3 3 0-3 15-18 Credits 3	Interim Comparative Systems (G) course Spring ATRN 602Upper Extremity Assessment	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits 3 1 4 4 4 4 5 5 7 8 3 3 3 3 14-17 7 Credits 3	Summer ATRN 630Introduction to Emergency Care	3 Credits
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course         Cross-cultural Experience (Z) course         FOURTH YEAR         Fall         ATRN 601Lower Extremity Assessment         ATRN 611Therapeutic Interventions I	Credits 3 3 3 3 3 3 3 3 0-3 15-18 Credits 3 3	Interim Comparative Systems (G) course Spring ATRN 602Upper Extremity Assessment ATRN 612Therapeutic Interventions II	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits 3 1 2 3 3 3 3 3 3 14-17 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Summer ATRN 630Introduction to Emergency Care ATRN 630Introduction to Emergency Care ATRN 630Introduction to Emergency Care ATRN 633Current Topics in Athletic Training ATRN 650Evidence-Based Practice in Athletic Training	3 3 Credits 3
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course         Cross-cultural Experience (Z) course         FOURTH YEAR         Fall         ATRN 601Lower Extremity Assessment         ATRN 632Advanced Emergency Care	Credits 3 3 3 3 3 3 3 3 15-18 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3	Interim Comparative Systems (G) course Spring ATRN 602Upper Extremity Assessment ATRN 612Therapeutic Interventions II ATRN 614Integrative Assessment and Application	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits 3 1 1 2 3 3 3 3 3 1 4-17 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	s Summer  ATRN 630Introduction to Emergency Care  A  A  A  A  A  A  A  A  A  A  A  A  A	3 3 Credits 3
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course         Cross-cultural Experience (Z) course         FOURTH YEAR         Fall         ATRN 601Lower Extremity Assessment         ATRN 611Therapeutic Interventions I	Credits 3 3 3 3 3 3 3 3 15-18 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3	Interim Comparative Systems (G) course Spring ATRN 602Upper Extremity Assessment ATRN 612Therapeutic Interventions II ATRN 612Therapeutic Interventions II ATRN 634Integrative Assessment and Application ATRN 672Clinical Experience in Athletic Training II	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits 3 1 4 0-3 3 3 3 14-17 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Summer  ATRN 630Introduction to Emergency Care  ATRN 633Current Topics in Athletic Training ATRN 630Evidence-Based Practice in Athletic Training  ATRN 650Evidence-Based Practice in Athletic Training	3 Credits 3 3 3
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course         Cross-cultural Experience (Z) course         FOURTH YEAR         Fall         ATRN 601Lower Extremity Assessment         ATRN 611Therapeutic Interventions I         ATRN 671Clinical Experience in Athletic Training I	Credits 3 3 3 3 3 3 3 3 15-18 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3	Interim Comparative Systems (G) course Spring ATRN 602Upper Extremity Assessment ATRN 612Therapeutic Interventions II ATRN 612Therapeutic Interventions II ATRN 634Integrative Assessment and Application ATRN 672Clinical Experience in Athletic Training II	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits 3 1 1 2 3 3 3 3 3 1 4-17 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Summer  ATRN 630Introduction to Emergency Care  ATRN 633Current Topics in Athletic Training ATRN 630Evidence-Based Practice in Athletic Training  ATRN 650Evidence-Based Practice in Athletic Training	3 3 Credits 3
Fall         HAS 247/Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course         Cross-cultural Experience (Z) course         Fourth YEAR         Fall         ATRN 601Lower Extremity Assessment         ATRN 631Therapeutic Interventions I         ATRN 632Advanced Emergency Care         ATRN 671Clinical Experience in Athletic Training I         FIFTH YEAR	Credits 3 3 3 3 3 3 15-18 Credits 3 3 3 3 12	Interim Comparative Systems (G) course Spring ATRN 602Upper Extremity Assessment ATRN 602Upper Extremity Assessment ATRN 612Therapeutic Interventions II ATRN 634Integrative Assessment and Application ATRN 672Clinical Experience in Athletic Training II	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credit:	Summer ATRN 630Introduction to Emergency Care ATRN 630Introduction to Emergency Care Summer ATRN 633Current Topics in Athletic Training ATRN 650Evidence-Based Practice in Athletic Training	3 Credits 3 3 3
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course         Cross-cultural Experience (Z) course         FOURTH YEAR         Fall         ATRN 601Lower Extremity Assessment         ATRN 611Therapeutic Interventions I         ATRN 632Advanced Emergency Care         ATRN 671Clinical Experience in Athletic Training I         FIFTH YEAR         Fall	Credits 3 3 3 3 3 3 3 15-18 Credits 3 3 3 12 Credits	Interim Comparative Systems (G) course Spring ATRN 602Upper Extremity Assessment ATRN 612Therapeutic Interventions II ATRN 614Integrative Assessment and Application ATRN 672Clinical Experience in Athletic Training II Spring	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits 3 1 4 0 -3 3 3 3 3 1 4-17 Credits 3 3 3 3 1 2 2 Credits 5 2 5 2 1 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3	S Summer ATRN 630Introduction to Emergency Care ATRN 630Introduction to Emergency Care Summer ATRN 633Current Topics in Athletic Training ATRN 650Evidence-Based Practice in Athletic Training	3 Credits 3 3 3
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course         Cross-cultural Experience (Z) course         FOURTH YEAR         Fall         ATRN 601Lower Extremity Assessment         ATRN 611Therapeutic Interventions I         ATRN 632Advanced Emergency Care         ATRN 671Clinical Experience in Athletic Training I         FIFTH YEAR         Fall         ATRN 613Therapeutic Interventions I	Credits 3 3 3 3 3 3 3 15-18 Credits 3 3 3 12 Credits 3 3	Interim Comparative Systems (G) course Spring ATRN 602Upper Extremity Assessment ATRN 602Upper Extremity Assessment ATRN 612Therapeutic Interventions II ATRN 612Therapeutic Interventions II ATRN 634Integrative Assessment and Application ATRN 672Clinical Experience in Athletic Training II Spring ATRN 6310rganization and Administration of Athletic Training	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits 0-3 0-3 3 3 14-17 Credits 3 3 12 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3	Summer  ATRN 630Introduction to Emergency Care  ATRN 630Introduction to Emergency Care	3 Credits 3 3 3
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course         Cross-cultural Experience (Z) course         FOURTH YEAR         Fall         ATRN 601Lower Extremity Assessment         ATRN 611Therapeutic Interventions I         ATRN 632Advanced Emergency Care         ATRN 671Clinical Experience in Athletic Training I         FIFTH YEAR         Fall         ATRN 613Therapeutic Interventions II         ATRN 614Depatic Interventions III         ATRN 614Depatic Interventions III	Credits 3 3 3 3 3 3 3 3 15-18 Credits 3 3 3 12 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3	Interim Comparative Systems (G) course Spring ATRN 602Upper Extremity Assessment ATRN 602Upper Extremity Assessment ATRN 612Therapeutic Interventions II ATRN 634Integrative Assessment and Application ATRN 634Integrative Assessment and Application ATRN 631Organization and Administration of Athletic Training ATRN 631Organization and Administration of Athletic Training ATRN 642General Medical Assessment	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits	s Summer  ATRN 630Introduction to Emergency Care  ATRN 630Introduction to Emergency Care  ATRN 630Introduction to Emergency Care  ATRN 630Introduction to Emergency Care ATRN 633Current Topics in Athletic Training ATRN 650Evidence-Based Practice in Athletic Training ATRN 650Evidence-Based Practice in Athletic Training ATRN 650Evidence-Based Practice in Athletic Training	3 Credits 3 3 3
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course         Cross-cultural Experience (2) course         FOURTH YEAR         Fall         ATRN 601Lower Extremity Assessment         ATRN 611Therapeutic Interventions I         ATRN 632Advanced Emergency Care         ATRN 632Advanced Experience in Athletic Training I         Fall         ATRN 631Therapeutic Interventions II         ATRN 631Therapeutic Interventions III         ATRN 632Advanced Experience in Athletic Training I         FIFTH YEAR         Fall         ATRN 631Therapeutic Interventions III         ATRN 632Heatology and Medical Conditions         ATRN 637Clinical Experience in Athletic Training III	Credits 3 3 3 3 3 3 3 3 3 3 3 3 3	Interim Comparative Systems (G) course Spring ATRN 602Upper Extremity Assessment ATRN 612Therapeutic Interventions II ATRN 634Integrative Assessment and Application ATRN 634Integrative Assessment and Application ATRN 631Organization and Administration of Athletic Training II Spring ATRN 631Organization and Administration of Athletic Training ATRN 631Organization and Administration of Athletic Training ATRN 631Organization and Administration of Athletic Training ATRN 632000000000000000000000000000000000000	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits	Summer ATRN 630Introduction to Emergency Care ATRN 630Introduction to Emergency Care Summer Summer ATRN 633Current Topics in Athletic Training ATRN 650Evidence-Based Practice in Athletic Training ATRN 650Evidence-Based Practice in Athletic Training	3 Credits 3 3 3
Fall         HAS 247Motor Development and Learning         HAS 379Integrative Human Physiology         HAS 440Advanced Training for Human Performance         Science, Technology, and Society (K) course         World Cultures (U) course         Cross-cultural Experience (Z) course         FOURTH YEAR         Fall         ATRN 601Lower Extremity Assessment         ATRN 631Therapeutic Interventions I         ATRN 632Advanced Emergency Care         ATRN 671Clinical Experience in Athletic Training I         Fill         ATRN 613Therapeutic Interventions II         ATRN 613Therapeutic Interventions III         ATRN 613Therapeutic Interventions III         ATRN 614Pathology and Medical Conditions	Credits 3 3 3 3 3 3 3 3 3 3 3 3 3	Interim Comparative Systems (G) course Spring ATRN 602Upper Extremity Assessment ATRN 602Upper Extremity Assessment ATRN 612Therapeutic Interventions II ATRN 634Integrative Assessment and Application ATRN 672Clinical Experience in Athletic Training II Spring ATRN 6310rganization and Administration of Athletic Training ATRN 642General Medical Assessment ATRN 642General Medical Assessment ATRN 642Clinical Experience in Athletic Training IV ATRN 790Athletic Training Master's Project II	Credits 3	Spring HAS 375Biomechanics HAS 393Literature Review in Biokinetics HAS 399 & HAS 399 & HAS 398 Physiological Assessment and Physiological Assessment Laboratory Artistic Experience (A) course Interpreting Biblical Themes (J) course Contemporary Christian Issues (P) course	Credits	Summer ATRN 630Introduction to Emergency Care ATRN 630Introduction to Emergency Care Summer ATRN 630Extreme Topics in Athletic Training ATRN 633Current Topics in Athletic Training ATRN 650Evidence-Based Practice in Athletic Training ATRN 650Evidence-Based Practice in Athletic Training	3 Credits 3 3 3

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		Interim	Credits		Credits		
BIO 104	4	GES 147Humanities II: Renaissance and Reformation	4	BIB 101Introduction to the Bible	3		
<u>&amp; BIO 104D</u>							
<sup>2</sup> Human Biology and Human Biology Lab							
OR				GES 140Introduction to Wellbeing	3		
BIO 120				GES 244Humanities III: European Enlightenment and	4		
& BIO 120D				American Culture to 1877			
Introduction to Molecular and Cellular Biology and							
Introduction to Molecular and Cellular Biology Lab							
OR				HAS 170Applied Nutrition	3		
BIO 122					4		
& BIO 122D				Second Language (S) course <sup>1</sup>	-		
2							
Inter duction to Operationale Dislams and Inter duction to							
Introduction to Organismic Biology and Introduction to							
Organismic Biology Lab							
GES 145Humanities I: Greco-Roman through Middle Ages	4						
HAS 130Personal and Community Health	3						
PSY 100Introduction to Psychology	3						
	14		4		17		
SECOND YEAR							
Fall	Credits	Interim	Credits	Spring	Credits		
BIO 214	4	World Cultures (U) course	3	BIO 216	4		
& BIO 215				& BIO 217			
Human Anatomy and Human Anatomy Lab				Human Physiology and Human Physiology Lab			
CHE 113	4			HAS 120 First Aid	1		
& CHE 113D	-				-		
General Chemistry I and General Chemistry I Lab							
	4			HAS 250M2Statistics and Research Methods in Applied Health	2		
GES 246Humanities IV: Modern and Contemporary Western Culture	4			Sciences	3		
HAS 325Prevention and Care of Athletic Injuries	3			HAS 370Functional Human Nutrition	3		
				PHY 102	4		
				<u>&amp; PHY 102D</u>			
				Physics of Everyday Life and Physics of Everyday Life-Lab			
				Leisure and Lifetime Sports (Q) course	1		
	15		3		16		
THIRD YEAR							
Fall	Credits	Interim	Credits	Spring	Credits	Summer	Credits
HAS 247Motor Development and Learning	3	Comparative Systems (G) course	3	HAS 375Biomechanics	3	ATRN 630Introduction to Emergency Care	3
HAS 379Integrative Human Physiology	3			HAS 393Literature Review in Biokinetics	1		
HAS 440Advanced Training for Human Performance	3			HAS 399	4		
into riorataneca rialing for rialian enormanec				& HAS 398			
				Physiological Assessment and Physiological Assessment			
				Laboratory			
Science, Technology, and Society (K) course	3			Artistic Experience (A) course	0-3		
	0-3				0-3		
Cross-cultural Experience (Z) course				Interpreting Biblical Themes (J) course	5		
Elective	2			Contemporary Christian Issues (P) course	3		
	14-17		3		14-17		3
FOURTH YEAR							
Fall	Credits					Summer	Credits
ATRN 601Lower Extremity Assessment		ATRN 602Upper Extremity Assessment				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		
ATRN 613Therapeutic Interventions III		ATRN 631Organization and Administration of Athletic Training			3		
					5		
ATRN 641Pathology and Medical Conditions		ATRN 642General Medical Assessment			3		
ATRN 673Clinical Experience in Athletic Training III	3	ATRN 674Clinical Experience in Athletic Training IV			3		
ATRN 750Athletic Training Master's Project I	3	ATRN 790Athletic Training Master's Project II			3		
	12				12		
Tabel On dia 450 464	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.)