

**B.A. in Biokinetics (Exercise Science)/M.S. in Athletic Training (3+2 option) 2018-2019: Option 1 - CWILT**

<b>First Year</b>						
<b>Fall</b>	<b>Credits</b>	<b>Interim</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>	
BIO 104 & BIO 104D *2 Human Biology and Human Biology Lab	4	GES 125 Introduction to the Creative Arts	4	BIB 101 Introduction to the Bible	3	
OR				GES 140 Introduction to Wellbeing	3	
BIO 118 & BIO 118D *2 General Biology and General Biology Lab				HAS 120 First Aid	1	
OR				HAS 130 Personal and Community Health	3	
BIO 122 & BIO 122D *2 Introduction to Organismic Biology and Introduction to Organismic Biology Lab				HAS 170 Applied Nutrition	3	
PSY 100 Introduction to Psychology	3			Leisure and Lifetime Sports (Q) course	1	
GES 130 Christianity Western Culture	4					
GES 160 Inquiry Seminar	3					
	<b>14</b>		<b>4</b>			<b>14</b>
<b>Second Year</b>						
<b>Fall</b>	<b>Credits</b>	<b>Interim</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>	
BIO 214 & BIO 215 Human Anatomy and Human Anatomy Lab	4	THE 201 Christian 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 325 Prevention and Care of Athletic Injuries	3	
HAS 250M*2 Statistics and Research Methods in Applied Health Sciences	3			HAS 370 Functional 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	
	<b>16</b>		<b>3</b>		<b>17</b>	
<b>Third Year</b>						
<b>Fall</b>	<b>Credits</b>	<b>Interim</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>	
HAS 247 Motor Development and Learning	3	Comparative Systems (G) course	3	HAS 375 Biomechanics	3	
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	
World Cultures (U) course	3			Interpreting Biblical Themes (J) course	3	
Cross-cultural Experience (Z) course	0-3			Contemporary Christian Issues (P) course	3	
	<b>15-18</b>		<b>3</b>		<b>14-17</b>	
<b>Fourth Year</b>						
<b>Fall</b>	<b>Credits</b>	<b>Interim</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>	<b>Summer</b>
ATRN 601 Lower Extremity Assessment	3	Interim Off		ATRN 602 Upper Extremity Assessment	3	ATRN 633 Current Topics in Athletic Training
ATRN 611 Therapeutic Interventions I	3			ATRN 612 Therapeutic Interventions II	3	ATRN 650 Evidence-Based Practice in Athletic Training
ATRN 632 Advanced Emergency Care	3			ATRN 634 Integrative Assessment and Application	3	
ATRN 671 Clinical Experience in Athletic Training I	2			ATRN 672 Clinical Experience in Athletic Training II	2	
Elective	1			Elective	3	
	<b>12</b>		<b>0</b>		<b>14</b>	<b>6</b>
<b>Fifth Year</b>						
<b>Fall</b>	<b>Credits</b>	<b>Interim</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>	
ATRN 613 Therapeutic Interventions III	3	Interim Off		ATRN 631 Organization and Administration of Athletic Training	3	
ATRN 641 Pathology and Medical Conditions	3			ATRN 642 General Medical Assessment	3	
ATRN 673 Clinical Experience in Athletic Training III	2			ATRN 674 Clinical Experience in Athletic Training IV	2	
ATRN 750 Athletic Training Master's Project I	3			ATRN 790 Athletic Training Master's Project II	3	
Elective	1			Elective	3	
	<b>12</b>		<b>0</b>		<b>14</b>	
<b>Total Credits 158-164</b>						

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 118,118D, 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) 2018-2019: Option 2 - Humanities**

<b>First Year</b>							
<b>Fall</b>	<b>Credits</b>	<b>Interim</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>		
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				HAS 170 Applied Nutrition	3		
BIO 118 & BIO 118D *2 General Biology and General Biology Lab				GES 140 Introduction to Wellbeing	3		
OR				GES 244 Humanities III: European Enlightenment and American Culture to 1877	4		
BIO 122 & BIO 122D *2 Introduction to Organismic Biology and Introduction to Organismic Biology Lab				Second Language (S) course*1	4		
HAS 130 Personal and Community Health	3						
GES 145 Humanities I: Greco-Roman through Middle Ages	4						
PSY 100 Introduction to Psychology	3						
	<b>14</b>		<b>4</b>		<b>17</b>		
<b>Second Year</b>							
<b>Fall</b>	<b>Credits</b>	<b>Interim</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>		
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 325 Prevention and Care of Athletic Injuries	3		
HAS 250M2 Statistics and Research Methods in Applied Health Sciences	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		
	<b>15</b>		<b>3</b>		<b>16</b>		
<b>Third Year</b>							
<b>Fall</b>	<b>Credits</b>	<b>Interim</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>		
HAS 247 Motor Development and Learning	3	Comparative Systems (G) course	3	HAS 375 Biomechanics	3		
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		
	<b>14-17</b>		<b>3</b>		<b>14-17</b>		
<b>Fourth Year</b>							
<b>Fall</b>	<b>Credits</b>	<b>Interim</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>	<b>Summer</b>	<b>Credits</b>
ATRN 601 Lower Extremity Assessment	3	Interim Off		ATRN 602 Upper Extremity Assessment	3	ATRN 633 Current Topics in Athletic Training	3
ATRN 611 Therapeutic Interventions I	3			ATRN 612 Therapeutic Interventions II	3	ATRN 650 Evidence-Based Practice in Athletic Training	3
ATRN 632 Advanced Emergency Care	3			ATRN 634 Integrative Assessment and Application	3		
ATRN 671 Clinical Experience in Athletic Training I	2			ATRN 672 Clinical Experience in Athletic Training II	2		
Elective	1			Elective	3		
	<b>12</b>		<b>0</b>		<b>14</b>		<b>6</b>
<b>Fifth Year</b>							
<b>Fall</b>	<b>Credits</b>	<b>Interim</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>		
ATRN 613 Therapeutic Interventions III	3	Interim Off		ATRN 631 Organization and Administration of Athletic Training	3		
ATRN 641 Pathology and Medical Conditions	3			ATRN 642 General Medical Assessment	3		
ATRN 673 Clinical Experience in Athletic Training III	2			ATRN 674 Clinical Experience in Athletic Training IV	2		
ATRN 750 Athletic Training Master's Project I	3			ATRN 790 Athletic Training Master's Project II	3		
Elective	1			Elective	3		
	<b>12</b>		<b>0</b>		<b>14</b>		
<b>Total Credits 158-164</b>							

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 118,118D, CHE 113/113D, and HAS 250M to meet the general education Laboratory Science and Mathematics requirements.

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