

## B.S. in Biokinetics (Exercise Science) 2019-2020: Option 1 - CWILT

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
<a href="#">BIO 104</a> & <a href="#">BIO 104D</a> Human Biology and Human Biology Lab		<a href="#">GES 125</a> <a href="#">Introduction to the Creative Arts</a>	4	<a href="#">BIB 101</a> <a href="#">Introduction to the Bible</a>	3
or	4			<a href="#">GES 140</a> <a href="#">Introduction to Wellbeing</a>	3
<a href="#">BIO 120</a> & <a href="#">BIO 120D</a> Introduction to Molecular and Cellular Biology and Introduction to Molecular and Cellular Biology Lab				<a href="#">HAS 120</a> <a href="#">First Aid</a>	1
or				<a href="#">HAS 130</a> <a href="#">Personal and Community Health</a>	3
<a href="#">BIO 122</a> & <a href="#">BIO 122D</a> Introduction to Organismic Biology and Introduction to Organismic Biology Lab				<a href="#">HAS 170</a> <a href="#">Applied Nutrition</a>	3
<a href="#">GES 130</a> <a href="#">Christianity Western Culture</a>	4				
<a href="#">GES 160</a> <a href="#">Inquiry Seminar</a>	3				
<a href="#">PSY 100</a> <a href="#">Introduction to Psychology</a>	3				
	<b>14</b>		<b>4</b>		<b>13</b>
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
<a href="#">CHE 113</a> & <a href="#">CHE 113D</a> General Chemistry I and General Chemistry I Lab	4	<a href="#">THE 201</a> <a href="#">Christian Theology</a>	3	<a href="#">BIO 216</a> & <a href="#">BIO 217</a> Human Physiology and Human Physiology Lab	4
<a href="#">BIO 214</a> & <a href="#">BIO 215</a> Human Anatomy and Human Anatomy Lab	4			<a href="#">HAS 370</a> <a href="#">Functional Human Nutrition</a>	3
<a href="#">HAS 250M</a> <a href="#">Statistics and Research Methods in Applied Health Sciences</a>	3			Contemporary Western Life and Thought (L) course	3
Leisure and Lifetime Sports (Q) course	1			World Cultures (U) course	3
Second Language (S) course <sup>1</sup>	4			Elective	3
	<b>16</b>		<b>3</b>		<b>16</b>
THIRD YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
<a href="#">HAS 247</a> <a href="#">Motor Development and Learning</a>	3	Elective	3	<a href="#">HAS 375</a> <a href="#">Biomechanics</a>	3
<a href="#">HAS 379</a> <a href="#">Integrative Human Physiology</a>	3			<a href="#">HAS 393</a> <a href="#">Literative Review in Biokinetics</a>	1
<a href="#">HAS 440</a> <a href="#">Advanced Training for Human Performance</a>	3			<a href="#">HAS 399</a> <a href="#">Physiological Assessment</a>	3
Comparative Systems (G) course	3			Artistic Experience (A) course	0-3
Cross-Cultural Experience (Z) course	0-3			Interpreting Biblical Themes (J) course	3
				Elective	4
	<b>15-Dec</b>		<b>3</b>		<b>14-17</b>
FOURTH YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
<a href="#">HAS 445</a> <a href="#">Advanced Laboratory Techniques in Biokinetics</a>	3	Interim Off		<a href="#">HAS 481</a> <a href="#">Internship in Human Kinetics and Applied Health Science</a>	3
<a href="#">HAS 450</a> <a href="#">Clinical Neuromuscular Interventions</a>	3			<a href="#">HAS 495</a> <a href="#">Biokinetics Symposium</a>	1
<a href="#">HAS 494</a> <a href="#">Biokinetics Research</a>	1			Contemporary Christian Issues (P) course	3
Science, Technology, and Society (K) course	3			Electives	6
Electives	4				
	<b>14</b>		<b>0</b>		<b>13</b>
<b>Total Credits 122-128</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.)

This program assumes a student will use the [CHE 113](#)[CHE 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.S. in Biokinetics (Exercise Science) 2019-2020: Option 2 - Humanities

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
<a href="#">BIO 104</a> & <a href="#">BIO 104D</a> Human Biology and Human Biology Lab		<a href="#">GES 147</a> <a href="#">Humanities II: Renaissance and Reformation</a>	4	<a href="#">BIB 101</a> <a href="#">Introduction to the Bible</a>	3
or	4			<a href="#">GES 140</a> <a href="#">Introduction to Wellbeing</a>	3
<a href="#">BIO 120</a> & <a href="#">BIO 120D</a> Introduction to Molecular and Cellular Biology and Introduction to Molecular and Cellular Biology Lab				<a href="#">GES 244</a> <a href="#">Humanities III: European Enlightenment and American Culture to 1877</a>	4
or				<a href="#">HAS 170</a> <a href="#">Applied Nutrition</a>	3
<a href="#">BIO 122</a> & <a href="#">BIO 122D</a> Introduction to Organismic Biology and Introduction to Organismic Biology Lab					
<a href="#">GES 145</a> <a href="#">Humanities I: Greco-Roman through Middle Ages</a>	4				
<a href="#">HAS 130</a> <a href="#">Personal and Community Health</a>	3				
<a href="#">PSY 100</a> <a href="#">Introduction to Psychology</a>	3				
	<b>14</b>		<b>4</b>		<b>13</b>
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
<a href="#">BIO 214</a> & <a href="#">BIO 215</a> Human Anatomy and Human Anatomy Lab	4	World Cultures (U) course	3	<a href="#">BIO 216</a> & <a href="#">BIO 217</a> Human Physiology and Human Physiology Lab	4
<a href="#">CHE 113</a> & <a href="#">CHE 113D</a> General Chemistry I and General Chemistry I Lab	4			<a href="#">HAS 120</a> <a href="#">First Aid</a>	1
<a href="#">GES 246</a> <a href="#">Humanities IV: Modern and Contemporary Western Culture</a>	4			<a href="#">HAS 247</a> <a href="#">Motor Development and Learning</a>	3
<a href="#">HAS 250M</a> <a href="#">Statistics and Research Methods in Applied Health Sciences</a>	3			<a href="#">HAS 370</a> <a href="#">Functional Human Nutrition</a>	3
				Leisure and Lifetime Sports (Q) course	1
				Elective	3
	<b>15</b>		<b>3</b>		<b>15</b>
THIRD YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
<a href="#">HAS 379</a> <a href="#">Integrative Human Physiology</a>	3	Elective	3	<a href="#">HAS 375</a> <a href="#">Biomechanics</a>	3
<a href="#">HAS 440A</a> <a href="#">Advanced Training for Human Performance</a>	3			<a href="#">HAS 393</a> <a href="#">Literature Review in Biokinetics</a>	1
Comparative Systems (G) course	3			<a href="#">HAS 399</a> <a href="#">Physiological Assessment</a>	3
Second Language (S) course <sup>1</sup>	4			Artistic Experience (A) course	0-3
Elective	3			Interpreting Biblical Themes (J) course	3
				Elective	3
	<b>16</b>		<b>3</b>		<b>13-16</b>
FOURTH YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
<a href="#">HAS 445</a> <a href="#">Advanced Laboratory Techniques in Biokinetics</a>	3	Interim Off		<a href="#">HAS 481</a> <a href="#">Internship in Human Kinetics and Applied Health Science</a>	3
<a href="#">HAS 450</a> <a href="#">Clinical Neuromuscular Interventions</a>	3			<a href="#">HAS 495</a> <a href="#">Biokinetics Symposium</a>	1
<a href="#">HAS 494</a> <a href="#">Biokinetics Research</a>	1			Contemporary Christian Issues (P) course	3
Science, Technology, and Society (K) course	3			Electives	6
Cross-Cultural Experience (Z) course	0-3				
Elective	3				
	<b>13-16</b>		<b>0</b>		<b>13</b>
<b>Total Credits 122-128</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.)

This program assumes a student will use the [CHE 113/CHE 113D](#) and [HAS 250M](#) to meet the general education Laboratory Science and Mathematics requirements.

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