

<b>Name</b> _____ <b>ID#</b> _____	<b>REQUIREMENTS FOR BACHELOR OF ARTS DAKOTA WESLEYAN UNIVERSITY</b>		<b>Biology (BIO)</b> 2010-2011 Catalog <i>College of Healthcare Fitness and Sciences</i>	
Semester Hours	125	Minimum Cumulative GPA	2.00	
Upper Level Credits	42	Major Credit Hours	46	
Basic English Proficiency Exam		General Education Cum. GPA	2.00	
Personal Electronic Portfolio		Passed Major Field Test in Biology		
<b>GENERAL EDUCATION REQUIREMENTS-PILLARS</b>		<b>MAJOR</b>		
Courses for fulfillment of General Education requirements must be from the approved General Education course list published in the Dakota Wesleyan University catalog.		Grades of NC, CR, or below a C- are not acceptable for a major.		
		Students must declare one major and one minor. Students may elect to earn two majors. No course may count for both a major and a minor or both majors. Grades of NC, CR, or below a C- are not acceptable for a major or a minor. Only BIO 150, BIO 203, BIO 221, and BIO 450 may be taken as directed studies.		

<b>Learn Strong</b>	
LST101 Learn Strong I (or MSL101 or 102)	1
LST201 Learn Strong II	.5
LST301 Learn Strong III	.5
LST401 Learn Strong IV	1
<b>Core – interdisciplinary</b>	
COR101 Interdisciplinary Investigations I	3
COR301 Interdisciplinary Investigations II	3
<b>Critical &amp; Collaborative Thinking</b>	
Cognitive Analysis PHL212, PSY131, PSY237	3
Quantitative Reasoning MTH115, MTH125, MTH200, MTH210	3
Historical Thinking & Analysis HIS101, HIS102, HIS201, HIS202, HIS302*, HIS/POL351*	3
Science Technology & Human Experience AST100, BIO101, BIO120, BIO115, BIO312, CHM150, PHS100, PHS101	8
<b>Effective Expression</b>	
Written ENG111	3
Oral CTH101	3
Literary Analysis or Artistic Appreciation DRM131, DRM203, ENG205, ENG206, ENG221, ENG222, ENG227, ENG228, ENG314, ENG202, GDS120, GDS205, MUS120	3
<b>Cultural and Global Awareness</b>	
EDU335, ENG201, ENG315, LAN105, LAN115, MUS250, REL314, REL461, SOC152, SOC227/427, SOC317	3
<b>Civic Values &amp; Engagement</b>	
BUS/PHL381, CRJ250, PHL220, PHL305, POL153, PSL210, REL240	3
<b>Personal Growth &amp; Maturity</b>	
PHL101, REL201, REL215, REL216, REL225, REL360*, SOC154	3

<b>BIO120</b>	Principles of Biology I	4
<b>BIO122</b>	Principles of Biology II	4
<b>BIO315</b>	Genetics	4
<b>BIO316</b>	Evolutionary Biology	3
<b>BIO400 or BIO450</b>	Research or Internship	4
<b>CHM150</b>	General Chemistry I	4
<b>CHM160</b>	General Chemistry II	4
<b>MTH200</b>	Statistical Methods I	3
<b>BIO Electives</b>		16
BIO115 BIO150 BIO203 BIO211 BIO221 BIO222 BIO250 BIO299 BIO302 BIO304 BIO312 BIO 317 BIO319 BIO322 BIO323 BIO324 BIO325 BIO326 BIO355&BIO356 BIO341 BIO342 BIO344 BIO346 BIO400 BIO410 BIO450 BIO499		
<b>Emphasis in Cell Biology</b>		
<b>BIO222</b>	Microbiology	4
<b>BIO335</b>	Introduction to Biochemistry	3
<b>BIO336</b>	Intro to Biochemistry Lab	1
<b>BIO346</b>	Introduction to Molecular and Cell Biology	4
Minimum 3 hours of the following electives: BIO312, BIO319, BIO344		3
Minimum 7 hours of the following electives Select 1 of the following: BIO203, BIO217, BIO323, BIO324, and Select a different 1 of the following: BIO217, BIO302, BIO323, BIO324, BIO325, BIO326		7
<b>Minimum Total = 22</b>		

<b>Emphasis in Organismal Biology</b>			
<b>BIO203</b>	Comparative Zoology	4	
<b>BIO217</b>	Botany	4	
<b>BIO222</b>	Microbiology	4	
Minimum 3 hours of the following electives: BIO312, BIO319, BIO323, BIO324		3	
Minimum 7 hours of the following electives Select 1 of the following: BIO335, BIO336, BIO344, BIO346 and Select a different 1 of the following: BIO302, BIO325, BIO326		7	
<b>Minimum Total = 22</b>			
<b>Emphasis in Ecology and Evolutionary Biology</b>			
<b>BIO217</b>	Botany	4	
<b>BIO302</b>	Ecology	4	
<b>BIO326</b>	Limnology	4	
Minimum 3 hours of the following: BIO323, BIO324, BIO325		3	
Minimum 7 hours of the following electives: Select one of the following: BIO222, BIO335, BIO336, BIO344, BIO346 and select a different one of the following: BIO203, BIO222, BIO312, BIO319		7	
<b>Minimum Total = 22</b>			