

Name _____ ID# _____	REQUIREMENTS FOR BACHELOR OF ARTS DAKOTA WESLEYAN UNIVERSITY		Biology 2011-2012 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		Major Field Test in Biology		
GENERAL EDUCATION REQUIREMENTS-PILLARS		MAJOR		
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.		

Learn Strong	
LST101 Learn Strong I	1
LST201 Learn Strong II	.5
LST301 Learn Strong III	.5
LST401 Learn Strong IV	1
Core – interdisciplinary	
COR101 Interdisciplinary Investigations I	3
COR301 Interdisciplinary Investigations II	3
Critical & Collaborative Thinking	
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, BIO115, BIO120, BIO330*, CHM150, PHS100, PHS101	8
Effective Expression	
Written ENG111	3
Oral CTH101	3
Literary Analysis or Artistic Appreciation DRM131, DRM203, ENG202, ENG205, ENG206, ENG221, ENG222, ENG227, ENG228, ENG314*, GDS101, GDS120, GDS205, MUS120	3
Cultural and Global Awareness	
DRM369*, EDU335*, ENG201, ENG315*, LAN105, LAN115, MUS250, REL314*, REL461*, SOC152, SOC227/427*, SOC317*	3
Civic Values & Engagement	
BUS/PHL381*, CRJ250, PHL220, PHL305*, POL153, PSL210, REL240	3
Personal Growth & Maturity	
PHL101, REL201, REL215, REL216, REL225, REL360*, REL370*, SOC154	3

BIO120	Principles of Biology I	4
BIO122	Principles of Biology II	4
BIO315	Genetics	4
BIO316	Evolutionary Biology	3
BIO400 or BIO450	Research or Internship	4
CHM150	General Chemistry I	4
CHM160	General Chemistry II	4
MTH200	Statistical Methods I	3
BIO Electives		16
BIO150 BIO199 BIO200 BIO203 BIO211 BIO217 BIO220 BIO222 BIO275 BIO299 BIO300 BIO302 BIO305 BIO312 BIO319 BIO322 BIO323 BIO324 BIO325 BIO326 BIO330 BIO335 BIO336 BIO341 BIO342 BIO344 BIO346 BIO350 BIO410 BIO499(if approved by the Dept)		
Emphasis in Cell Biology		
BIO222	Microbiology	4
BIO335	Introduction to Biochemistry	3
BIO336	Intro to Biochemistry Lab	1
BIO346	Introduction to Molecular and Cell Biology	4
Minimum 3 hours of the following electives: BIO220, 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
Minimum Total = 22		

Emphasis in Organismal Biology			
BIO203	Comparative Zoology	4	
BIO217	Botany	4	
BIO222	Microbiology	4	
Minimum 3 hours of the following electives: BIO220, 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	
Minimum Total = 22			
Emphasis in Ecology and Evolutionary Biology			
BIO217	Botany	4	
BIO302	Ecology	4	
BIO326	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, BIO220, BIO222, BIO319		7	
Minimum Total = 22			