

Name: \_\_\_\_\_

**NORTH DAKOTA STATE UNIVERSITY**  
 College of Human Development & Education  
**Biological Sciences Education Major**

Fall 2008

ID: \_\_\_\_\_

General Education Requirements - 40 Credits Required					Teaching Specialty Requirements - 78 Credits Required					
					A GPA of 2.75 or better in the teaching specialty is required for placement in student teaching and exit from the program.					
Course	Number	Course Title	Credits	Grade	Course	Number	Course Title	Credits	Grade	HP
First Year Experience (F)			1 Sem Credit		BIOL	124	Environmental Science	3		
HD&E	189^	Skills for Academic Success	1		BIOL	124L	Environmental Science Lab	1		
Communications Category (C)			12 Sem Credits		BIOL	150	General Biology I	3		
*ENGL	110~	College Composition I	3		BIOL	150L	General Biology I Lab	1		
*ENGL	120	College Composition II	3		BIOL	151	General Biology II	3		
COMM	110	Fund of Public Speaking	3		BIOL	151L	General Biology II Lab	1		
ENGL	324	Writing in the Sciences	3		BIOL	220	Human Anatomy & Physiology I	3		
Quantitative Reasoning (R)			3 Sem Credits		BIOL	220L	Human Anatomy & Physiology I Lab	1		
MATH	146	Applied Calculus I	4		BIOL	221	Human Anatomy & Physiology II	3		
Science & Technology (S)			10 Sem Credits		BIOL	221L	Human Anatomy & Physiology II Lab	1		
The 10 credits required in the Science and Technology category will be satisfied by completing the requirements for the teaching specialty.					BIOL	364	General Ecology	3		
Humanities & Fine Arts (A)			6 Sem Credits		BIOL	459	Evolution	3		
			3		BIOL	491	Seminar (Capstone)	2		
			3		BOT/ZOO	315	Genetics	3		
Social & Behavioral Sciences Category (B)			6 Sem Credits		BOT/ZOO	315L	Genetics Lab	1		
			3		BOT	Elective	300-400 Level Elective	3		
			3		CHEM	121	General Chemistry I	3		
Wellness (W)			2 Sem Credits		CHEM	121L	General Chemistry I Lab	1		
			2		CHEM	122	General Chemistry II	3		
Cultural Diversity					CHEM	122L	General Chemistry II Lab	1		
			3		CHEM	240	Survey or Organic Chemistry	3		
Global Perspectives					CHEM	260	Elements of Biochemistry	4		
GEOL	105	Physical Geology			GEOL	105	Physical Geology	3		
<b>Professional Education Requirements - 31 Credits Required</b>					GEOL	105L	Physical Geology Lab	1		
A GPA of 2.75 or better in professional education as well as the Exit Portfolio are required to exit the program.					GEOL	106	The Earth Through Time	3		
Course	Number	Course Title	Credits	Grade	HP	GEOL	106L	the Earth Through Time Lab	1	
EDUC	321	Introduction to Teaching	3			PHYS	211	College Physics I	3	
EDUC	322	Educational Psychology	3			PHYS	211L	College Physics Lab I	1	
EDUC	381	Early Experience	1			PHYS	212	College Physics II	3	
EDUC	451	Instruc Plan, Methods & Assess	3			PHYS	212L	College Physics II Lab	1	
EDUC	481	Classroom Prac/Meth of Teach I-Science	3			STAT	330	Introductory Statistics	3	
EDUC	485	Student Teaching Seminar	1			ZOO	370	Cell Biology	3	
EDUC	486	Classroom Mgt for Diverse Learners	2			ZOO	300-400	Level Elective	3	
EDUC	487	Student Teaching	9			CSCI			3	
EDUC	488	Applied Student Teaching	3			<b>All courses listed on this curriculum guide are required for the major.</b>				
EDUC	489	Native Am. & Multicult Instr Prac	3			^HD&E 189 is required for students with fewer than 24 earned transfer credits.				
<b>*See School of Education admission requirements.</b>					~First year students with a composite ACT score of $\geq 21$ should register for ENGL 120 (unless transfer credit for ENGL 120 is received). If ENGL 120 is completed with a grade of "C" or better, three credits will be awarded for ENGL 110 with a passing grade (P). For more details on NDSU's English Placement process, go to <a href="http://www.ndsu.edu/cfwriters">www.ndsu.edu/cfwriters</a> .					
<b>Total Credits Required for Graduation:</b>								<b>140</b>		