

Name: _____

NORTH DAKOTA STATE UNIVERSITY
College of Human Development and Education
Comprehensive Science Education Major

ID: _____

Fall 2012

General Education Requirements - 40 Credits Required					Teaching Specialty Requirements - 75 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 Sciences	3		
HD&E	189 ¹	Skills for Academic Success	1		BIOL	124L	Environmental Sciences Lab	1		
Communication (C)			12 Sem Credits		BIOL	150	General Biology I	3		
*ENGL	110 ²	College Composition I	3		BIOL	150L	General Biology I Lab	1		
*ENGL	120 ²	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	491	Senior Seminar	2		
Quantitative Reasoning (R)			3 Sem Credits		BOT	372	Struct & Diversity of Plant & Fungi	4		
STAT	330	Introductory Statistics	3		CHEM	121	General Chemistry I	3		
Science & Technology (S)			10 Sem Credits		CHEM	121L	General Chemistry I Lab	1		
The 10 credits required in the Science and Technology category will be satisfied by completing the requirements for the teaching specialty.					CHEM	122	General Chemistry II	3		
					CHEM	122L	General Chemistry II Lab	1		
Humanities & Fine Arts (A)			6 Sem Credits		CHEM	260	Elements of Biochemistry	4		
			3		CHEM	341	Organic Chemistry I	3		
			3		CHEM	341L	Organic Chemistry I Lab	1		
Social & Behavioral Sciences (B)			6 Sem Credits		CHEM	342	Organic Chemistry II	3		
			3		CHEM	342L	Organic Chemistry II Lab	1		
			3		CSCI			2		
Wellness (W)			2 Sem Credits		MATH	165	Calculus I	4		
			2		MATH	166	Calculus II	4		
Cultural Diversity (D)					PHYS	110	Introductory Astronomy	3		
			3		PHYS	251	University Physics I	4		
Global Perspectives (G)					PHYS	251L	University Physics I Lab	1		
GEOL	105	Physical Geology			PHYS	252	University Physics II	4		
Professional Education Requirements - 31 Credits Required					PHYS	252L	University Physics II Lab	1		
A grade of C or better is required in all Professional Education Requirement courses.					GEOL	105	Physical Geology	3		
A GPA of 2.75 or better in professional education as well as passing the appropriate Praxis II exam are required to exit the program.					GEOL	105L	Physical Geology Lab	1		
					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			BIOL, BOT or ZOO	300-400 Level		3	
EDUC	322	Educational Psychology	3			BIOL, BOT or ZOO	300-400 Level		3	
EDUC	451	Instruc Plan, Methods & Assess	3			<p>All courses listed on this curriculum guide are required for the major.</p> <p>*See School of Education admission requirements.</p>				
EDUC	481	Classrm Prac/Meth of Teach I-Science	3							
EDUC	485	Student Teaching Seminar	1							
EDUC	486	Classroom Mgt for Diverse Learners	3							
EDUC	487	Student Teaching	9							
EDUC	488	Applied Student Teaching	3							
EDUC	489	Native Am. & Multicult Instr Prac	3							
Total Credits Required for Graduation:								136		

¹Students transferring in 24 or more credits do not need to take HD&E 189.