

Name: _____

NORTH DAKOTA STATE UNIVERSITY
College of Human Development & Education
Earth Science Education Major

ID: _____

Fall 2012

General Education Requirements - 40 Credits Required					Teaching Specialty Requirements - 69 Credits Required					
Course	Number	Course Title	Credits	Grade	A GPA of 2.75 or better in the teaching specialty is required for placement in student teaching and exit from the program.					
First Year Experience (F)			1 Sem Credit		Course	Number	Course Title	Credits	Grade	HP
HD&E	189 ¹	Skills for Academic Success	1		BIOL	124	Environmental Science	3		
Communication (C)			12 Sem Credits		BIOL	124L	Environmental Science Lab	1		
*ENGL	110	College Composition I	3		BIOL	150	General Biology I	3		
*ENGL	120	College Composition II	3		BIOL	150L	General Biology I Lab	1		
COMM	110	Fund of Public Speaking	3		BIOL	151	General Biology II	3		
ENGL	324	Writing in the Sciences	3		BIOL	151L	General Biology II Lab	1		
Quantitative Reasoning (R)			3 Sem Credits		BIOL			3		
MATH	165	Calculus I	4		CHEM	121	General Chemistry I	3		
Science & Technology (S)			10 Sem Credits		CHEM	121L	General Chemistry I Lab	1		
The Science & Technology category will be satisfied by completing the courses listed in the Department Requirements section and the Teaching Specialty section.					CHEM	122	General Chemistry II	3		
Humanities & Fine Arts (A)			6 Sem Credits		CHEM	122L	General Chemistry II Lab	1		
			3		CHEM			4		
			3		GEOL	350 or 440	Invertebrate Paleontology or Quarternary Biology	3		
Social & Behavioral Sciences (B)			6 Sem Credits		GEOL	412	Geomorphology	3		
			3		GEOL	420	Mineralogy	4		
			3		GEOL	421	Mineralogy Lab	2		
Wellness (W)			2 Sem Credits		GEOL	422	Petrology	4		
			2		GEOL	423	Petrography	2		
Cultural Diversity (D)					GEOL	491	Seminar	1		
			3		GEOL			3		
Global Perspectives (G)					GEOL			3		
GEOL	105	Physical Geology			PHYS	110	Introductory Astronomy	3		
Professional Education Requirements - 31 Credits Required					PHYS	211	College Physics I	3		
A grade of C or better is required in all Professional Education Requirement courses.					PHYS	211L	College Physics Lab I	1		
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.					PHYS	212	College Physics II	3		
Course	Number	Course Title	Credits	Grade	HP	PHYS	212L	College Physics II Lab	1	
EDUC	321	Introduction to Teaching	3			SOIL	217	Intro to Meteorology & Climatology	3	
EDUC	322	Educational Psychology	3			CSCI	122	Visual Basic	3	
EDUC	451	Instruc Plan, Methods & Assess	3			Department Requirements - 11 Credits Required				
EDUC	481	Classroom Prac/Meth of Teach I-Science	3			MATH 165 is listed in the Quantitative Reasoning category of general education.				
EDUC	485	Student Teaching Seminar	1			GEOL	105	Physical Geology	3	
EDUC	486	Classroom Mgt for Diverse Learners	3			GEOL	105L	Physical Geology Lab	1	
EDUC	487	Student Teaching	9			GEOL	106	The Earth Through Time	3	
EDUC	488	Applied Student Teaching	3			GEOL	106L	The Earth Through Time Lab	1	
EDUC	489	Native Am. & Multicult Instr Prac	3			STAT	330	Introductory Statistics	3	
Bachelor of Arts Degree Requirements:					<p style="text-align: center;"><i>Courses taken Pass/Fail will not be used to satisfy any requirements other than total credits.</i></p> <p style="text-align: center;">*See School of Education admission requirements.</p> <p style="text-align: center;">All courses listed on this curriculum guide are required for the major.</p>					
Six (6) additional credits of Humanities and Social Behavioral Sciences and two years of one foreign language at the college level or equivalent										
HUM or Soc Sci			3							
HUM or Soc Sci			3							
2nd Yr Language Proficiency					<p style="text-align: center;">Total Credits Required for Graduation: 142</p>					
¹ HD&E 189 is required for students with fewer than 24 earned transfer credits.										