

Name: _____

NORTH DAKOTA STATE UNIVERSITY

College of Science and Mathematics

Geology

Fall 2012

ID: _____

GENERAL EDUCATION REQUIREMENTS - 40 Credits Required

MAJOR REQUIREMENTS - 47 credits

Course	Number	Course Title	Credits	Grade	Course	Number	Course Title	Credits	Grade
First Year Experience (F) 1 credit					MAJOR REQUIREMENTS - 47 credits				
UNIV	189 ¹	Skills for Academic Success	1		GEOG	455	Intro to Geographic Info Systems	3	
Communication (C) 12 credits					GEOL	105/L	Physical Geology & Lab	3/1	
ENGL	110	College Composition I	3		GEOL	106/L	Earth Through Time & Lab	3/1	
ENGL	120	College Composition II	3		GEOL	410	Sedimentology/Stratigraphy	4	
COMM	110	Fundamentals of Public Speaking	3		GEOL	412	Geomorphology	3	
ENGL	324	Writing for the Sciences	3		GEOL	420 & 421	Mineralogy & Lab	4/2	
Quantitative Reasoning (R) 3 credits					GEOL	422	Petrology	4	
MATH	146 or 165		4		GEOL	423	Petrography	2	
Science & Technology (S) 10 credits					GEOL	440	Quaternary Biology	4	
This category will be completed by fulfilling major requirements					GEOL	450	Field Geology	3	
					GEOL	457	Structural Geology	4	
					GEOL	491	Seminar - Jr. Yr.	1	
Humanities & Fine Arts (A) (Max of 3 cr in fine arts perform) 6 credits					GEOL	491	Capstone - Sr. Yr.	1	
			3		SOIL	444	Soil Genesis & Survey	4	
			3		Related Required Courses: 27 Credits Required (Not counted as part of major credits)				
Social & Behavioral Sciences (B) 6 credits					Chemistry (Choose 1 sequence)				
			3		CHEM	121/L	General Chemistry I & Lab	3/1	
			3			122/L or	General Chemistry II & Lab OR	3/1	
Wellness (W) 2 credits					CHEM	150/160	Principles of Chemistry I & Lab	3/1	
			2			151/161	Principles of Chemistry II & Lab	3/1	
Cultural Diversity (D)					Mathematics (Choose 1 sequence)				
					MATH	146	Applied Calculus I	4	
Global Perspectives (G)						147 or	Applied Calculus II OR	4	
GEOL	105	Physical Geology			MATH	165	Calculus I	4	
COLLEGE REQUIREMENTS for a BS or BA Degree						166	Calculus II	4	
The College of Science & Mathematics requires an additional 6 credits in Humanities or Social Sciences for the BS degree and an additional 12 credits for the BA degree and two years proficiency of a modern foreign language.					Physics (Choose 1 sequence)				
					PHYS	211/L	College Physics I & Lab	3/1	
BA Degree Requirements:						212/L or	College Physics II & Lab OR	3/1	
2nd Yr Lang Proficiency					PHYS	251/L	University Physics I & Lab	4/1	
HUM or Soc Sci			3			252/L	University Physics II & Lab	4/1	
HUM or Soc Sci			3		Skills (Choose 1)				
HUM or Soc Sci			3		CSCI	122, 160, or 227			3
HUM or Soc Sci			3		Electives - at least 12 credits to reach 122				
BS Degree Requirements:									
HUM or Soc Sci			3		UNIVERSITY GRADUATION REQUIREMENTS				
HUM or Soc Sci			3		Residency at NDSU (15 cr. @ NDSU):			36 Credits	
¹ Students transferring in 24 or more credits do not need to take UNIV 189. All courses taken to fulfill gen ed, college or major requirements may NOT be taken P/F. All courses listed on this curriculum guide are required.					Credits at 4-year University:			60 Credits	
					Courses numbered 300+ (Min. 15 cr @ NDSU):			37 Credits	
					Total Credits Required:			122 Credits	