

NAME: _____

North Dakota State University

College of Science & Mathematics

STATISTICS - Fall 2009

ID: _____

GENERAL EDUCATION REQUIREMENTS - 40 Credits Required					STATISTICS MAJOR REQUIREMENTS - 28 credits				
Course	Number	Course Title	Credits	Grade	STAT	367	Probability	3	
First Year Experience (F)			1 credit		STAT	368	Statistics	3	
UNIV	189	Skills for Academic Success	1		STAT	461	Applied Regression Models	3	
Communication (C)			12 credits		STAT	462	Intro/Experimental Design	3	
~ENGL	110	College Composition I	3		STAT	476 or 491	Actuary Exam Study II/Capstone Sem.	1	
ENGL	120	College Composition II	3		ELECTIVES: minimum 15 credits - choose 5 courses (can use only 1 CSCI course)				
COMM	110	Fundamentals of Public Speaking	3		CSCI	161	Computer Science II	4	
ENGL		(Upper-Division Writing)	3		CSCI	228	Computing Fundamentals II	3	
Quantitative Reasoning (R)			3 credits		CSCI	418	Simulation Models	3	
MATH	165	Calculus I	4		MATH	429	Linear Algebra	3	
Science & Technology (S) (One course w/ lab)			10 credits		STAT	450	Stochastic Processes	3	
					STAT	451	Bayesian Stat Dec Theory	3	
					STAT	460	Applied Survey Sampling	3	
					STAT	463	Nonparametric Statistics	3	
Humanities & Fine Arts (A) (Max of 3 cr in fine arts perform.)			6 credits		STAT	464	Discrete Data Analysis	3	
					STAT	465	Meta-Analysis Methods	3	
					STAT	467	Prob & Math Stat I	3	
Social & Behavioral Sciences (B)			6 credits		STAT	468	Prob & Math Stat II	3	
					STAT	470	Stat SAS Programming	3	
					STAT	472	Time Series	3	
Wellness (W)			2 credits		RELATED REQUIRED COURSES - 20 credits required				
					Choose 1 of the following:				
Cultural Diversity (D)					CSCI	126	Beginning FORTRAN	3	
					CSCI	160	Computer Science I	4	
Global Perspectives (G)					CSCI	227	Computing Fundamentals I	3	
					Choose 1 of the following:				
COLLEGE REQUIREMENTS for a BS or BA Degree					CSCI	222	Discrete Mathematics	3	
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.					MATH	270	Intro/Abstract Math	3	
BA Degree Requirements:					Complete ALL of the following:				
2nd Yr Lang Proficiency					MATH	129	Basic Linear Algebra	2	
HUM or Soc Sci			3		MATH	165	Calculus I	4	
HUM or Soc Sci			3		MATH	166	Calculus II	4	
HUM or Soc Sci			3		MATH	265	Calculus III	4	
HUM or Soc Sci			3		MINOR				
BS Degree Requirements:					A minor is required in one of the following areas: (check one)				
HUM or Soc Sci			3		<input type="checkbox"/> Social Science <input type="checkbox"/> Physical Science <input type="checkbox"/> Biological Science <input type="checkbox"/> Business <input type="checkbox"/> Mathematics <input type="checkbox"/> Computer Science				
HUM or Soc Sci			3		A grade of C or better is required on all MAJOR courses				
<small>^UNIV 189 is required for students with fewer than 24 earned transfer credits. ~First year students with a composite ACT score of ≥ 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 www.ndsu.edu/cfwriters.</small>					ALL COURSES ON THIS CURRICULUM ARE REQUIRED FOR THE MAJOR				
					MORE CURRICULUM INFORMATION ON THE BACK				

Advisor: _____

STATISTICS - Fall 2009 CONTINUED

UNIVERSITY GRADUATION REQUIREMENTS		FREE ELECTIVES TAKEN
Residency at NDSU: with at least 15 credits in major	36 credits	<p align="center">MATH 101 & 102 credits do not count towards graduation All courses taken to fulfill gen ed, college or major requirements may NOT be taken P/F.</p>
Credits at a 4-yr University	60 credits	
Courses numbers 300 or higher	37 credits (Min. 15 credits at NDSU)	<p align="center">D transfer grade credits will count toward graduation, but no specific degree requirement.</p>
Total credits required:	Minimum 122 credits	