

Name: _____

ID: _____

NORTH DAKOTA STATE UNIVERSITY
College of Science and Mathematics

Effective: Fall 2005 semester

Mathematics and Statistics Double Major

Math Major: 31 credits

MATH	165	4	_____	Calculus I
	166	4	_____	Calculus II
	265	4	_____	Calculus III
	266	3	_____	Intro to Differential Equations
	270	3	_____	Intro/Abstract Mathematics
	420	3	_____	Abstract Algebra I
	429	3	_____	Linear Algebra
	450	3	_____	Real Analysis I
	451	3	_____	Real Analysis II
	491	1	_____	Capstone Seminar

Statistics Major: 28 credits

STAT	330	3	_____	Introductory Statistics
	461	3	_____	Applied Regression Models
	462	3	_____	Intro/Experimental Design
	467	3	_____	Probability/Mathematical Stat I
	468	3	_____	Probability/Mathematical Stat II
	_____	1	_____	476 Actuary Exam Study II or 491 Capstone Seminar

Statistics Electives: 12 credits
(any 400-level 3 credit Statistics course other than those listed above)

Additional credits in Humanities or Social Sciences to meet the requirements of the College of Science and Mathematics. BS: 6 credits BA: 12 credits

Related Courses Required:

CSCI 160 4 _____ Computer Science I

Lab Science Sequence chosen from:

BIOL	150	3	_____	General Biology I
	150L	1	_____	General Biology I Lab
	151	3	_____	General Biology II
	151L	1	_____	General Biology II Lab
OR				
BIOL	220	3	_____	Human Anatomy & Phys. I
	220L	1	_____	Human Anatomy & Phys. I Lab
	221	3	_____	Human Anatomy & Phys. II
	221L	1	_____	Human Anatomy & Phys. II Lab
OR				
CHEM	121	3	_____	General Chemistry I
	121L	1	_____	General Chemistry I Lab
	122	3	_____	General Chemistry II
	122L	1	_____	General Chemistry II Lab
OR				
CHEM	150	3	_____	Principles of Chemistry I
	160	1	_____	Principles of Chemistry I Lab
	151	3	_____	Principles of Chemistry II
	161	1	_____	Principles of Chemistry II Lab
OR				
MICR	350	3	_____	General Microbiology I
	350L	1	_____	General Microbiology I Lab
	352	3	_____	General Microbiology II
	352L	1	_____	General Microbiology II Lab
OR				
PHYS	251	4	_____	University Physics I
	251L	1	_____	University Physics I Lab
	252	4	_____	University Physics II
	252L	1	_____	University Physics II Lab
OR				
CSCI	161	4	_____	Computer Science II
and two (2) of the following:				
CSCI	345	3	_____	Topics on Personal Computers
	372	3	_____	Comparative Languages
	373	3	_____	Assembly Programming
	458	3	_____	Microcomputer Graphics

A grade of C or better is required in MATH and STAT courses used toward this double major.

To complete a degree, the general education requirements of the College of Science and Mathematics and NDSU need to be met along with this major.

Name: _____

Degree: _____

ID: _____

Date: _____

North Dakota State University
College of Science and Mathematics
General Education Requirements

First Year Experience - F	BS & BA: 1 credit	Total	Quantitative Reasoning - R	BS & BA: 3 credits	Total
UNIV 189 -1					
Communication - C	BS & BA: 9 credits		Science & Technology - S	BS & BA: 10 credits	
English 110 - 3			Including a course with a lab.		
English 120 - 3					
Communication 110 - 3					
Wellness - W	BS & BA: 2 credits				
Humanities & Fine Arts - A	BS & BA: 6 credits		Global Perspectives - G		
3 credits maximum from fine arts(fa) performance			3 credits included as part of general education or major		
			Electives		
Cultural Diversity - D			D transfer grades that do not meet requirements		
3 credits included as part of 6 credits for humanities or social & behavioral sciences.					
			UNIV 397 (Co-Op Optional)	4 credits maximum	
Social & Behavioral Sciences - B	BS & BA: 6 credits		Residency at NDSU:	36 credits with at least 15 credits in major	
			Credits at a 4 year university:	60 credits	
Second Year Foreign Language Proficiency	BS: Not Required BA: 6 credits or equivalent		Courses numbered 300 or higher: (15 minimum at NDSU)	37 credits	
			Total Credits Required:	122 credits minimum*	

A list of approved courses for each category is available in the Registration Schedule or at <http://www.ndsu.nodak.edu/ndsu/deott/registrar/geneds.stm>
 *May vary depending on the major. T= transfer credits, D grades from transfer credits do not meet requirements.

Credits Not Counted
 Toward Graduation: MATH 099____, MATH 102____, Other_____

Only free electives may be taken pass/fail.
 BS = Bachelor of Science degree BA = Bachelor of Arts degree

Advisor: _____