

Name: \_\_\_\_\_

ID: \_\_\_\_\_

NORTH DAKOTA STATE UNIVERSITY  
College of Science and Mathematics

Mathematics and Computer Science Double Major

Effective: Fall 2005 semester

MATH MAJOR: 28 credits

MATH 165 4 \_\_\_\_\_  
166 4 \_\_\_\_\_  
265 4 \_\_\_\_\_  
266 3 \_\_\_\_\_  
429 3 \_\_\_\_\_  
430 3 \_\_\_\_\_

420 & 421 or

450 & 451 3 \_\_\_\_\_ 3 \_\_\_\_\_  
491 1 \_\_\_\_\_ Capstone  
Seminar

COMPUTER SCIENCE MAJOR:

38 credits

CSCI 160 4 \_\_\_\_\_  
161 4 \_\_\_\_\_  
235 3 \_\_\_\_\_  
236 3 \_\_\_\_\_  
366 3 \_\_\_\_\_  
372 3 \_\_\_\_\_  
373 3 \_\_\_\_\_  
374 3 \_\_\_\_\_  
458 3 \_\_\_\_\_  
467 3 \_\_\_\_\_  
474 3 \_\_\_\_\_  
489 3 \_\_\_\_\_ Capstone

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:

STAT 367 3 \_\_\_\_\_  
368 3 \_\_\_\_\_

CSCI 222 or  
MATH 270 3 \_\_\_\_\_

ONE COURSE CHOSEN FROM:

CSCI 453 3 \_\_\_\_\_  
CSCI 460 3 \_\_\_\_\_  
MATH 436 3 \_\_\_\_\_  
MATH 488 3 \_\_\_\_\_

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 & Physiology I  
220L 1 \_\_\_\_\_ Human Anatomy & Physiology I Lab  
221 3 \_\_\_\_\_ Human Anatomy & Physiology II  
221L 1 \_\_\_\_\_ Human Anatomy & Physiology 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

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

Humanities, Social & Behavioral Sciences: 21 credits required.

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: \_\_\_\_\_