

Name: _____

ID: _____

NORTH DAKOTA STATE UNIVERSITY

College of Science & Mathematics

B.A. Computer Science

Fall 2012

GENERAL EDUCATION REQUIREMENTS - 40 Credits Required

MAJOR REQUIREMENTS - 53 credits

Course	Number	Course Title	Credits	Grade	Course	Number	Course Title	Credits	Grade
First Year Experience (F)				1 credit	CSCI	159	Computer Science Problem Solving	3	
UNIV	189 ¹	Skills for Academic Success	1		CSCI	160	Computer Science I	4	
Communication (C)				12 credits	CSCI	161	Computer Science II	4	
ENGL	110	College Composition I	3		CSCI	213	Modern Software Development	3	
ENGL	120	College Composition II	3		CSCI	222	Discrete Math	3	
COMM	110	Fundamentals of Public Speaking	3		CSCI	313	Software Development for Games	3	
ENGL	321 or 324	(Upper-Division Writing)	3		CSCI	366	Files for Database Systems	3	
Quantitative Reasoning (R)				3 credits	CSCI	371	Web Scripting Languages	3	
MATH	146 or 165	Applied Calculus I or Calculus I	4		CSCI	445*	Software Projects: Capstone	3	
Science & Technology (S) (One course w/ co-requisite lab)				10 credits	CSCI	488	Human-Computer Interaction	3	
CSCI	114	Microcomputer Packages	3		CSCI	489*	Social Implications of Computers	3	
					*CSCI 445 & 489 form the dept capstone. Both courses are usually taken during the last spring semester the student is enrolled				
					Related Required Courses - 11 credits				
Humanities & Fine Arts (A) (Max of 3 cr in fine arts perform)				6 credits	COMM	260	Principles of Internet Web-Based Design	3	
			3		COMM	261	Introduction to Web Development	3	
			3		STAT	330	Introductory Statistics	3	
Social & Behavioral Sciences (B)				6 credits	STAT	331	Regression Analysis	2	
			3		7 credits in: Science (not CSCI), Engineering (not ENGR 311 or 312), Math (higher than 147, but not 165) or Statistics (not 330 or 331)				
			3						
Wellness (W)				2 credits					
			2						
Cultural Diversity (D)									
Global Perspectives (G)									

COLLEGE REQUIREMENTS for a BA Degree

The College of Science & Mathematics requires an additional 12 credits for the BA degree and two years proficiency of a modern foreign language.

2nd Yr Lang Proficiency			
HUM or Soc Sci		3	
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PROGRAM NOTES/COMMENTS

¹Students 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.

A grade of C or better is required for all CSCI courses.

UNIVERSITY GRADUATION REQUIREMENTS

Residency at NDSU (15 cr. @ NDSU):	36 Credits
Credits at 4-year University:	60 Credits
Courses numbered 300+ (Min. 15 cr @ NDSU):	37 Credits
Total Credits Required:	122 Credits

ALL COURSES ON THIS CURRICULUM ARE REQUIRED FOR THE MAJOR