

# BISMARCK STATE COLLEGE

## Computer Science Curriculum Guide

### Graduation Catalog 2009-2011

### Associate in Science

<b>Freshman</b>		<b>CR</b>	<b>GR</b>
*CSCI 160	Computer Science I	4	
*CSCI 161	Computer Science II	4	
*MATH 165	Calculus I	4	
*MATH 166	Calculus II	4	
ENGL 110	College Composition I	3	
ENGL 120 or ENGL 125	College Composition II Introduction to Professional Writing	3	
Math, Science & Technology:			
1.		4	
2.		4	
Arts & Humanities :			
1.		3	
2.		3	
<b>Total Credits</b>		<b>36</b>	

\*Students with weak backgrounds in math or computers may have to take some preliminary classes before taking Computer Programming or Calculus.

<b>Sophomore</b>		<b>CR</b>	<b>GR</b>
CSCI 250	Assembly Language	3	
CSCI 270	Computer Organization	3	
CSCI 124	Beginning C++	3	
MATH 220	Probability & Statistics	3	
MATH 208	Discrete Mathematics	3	
COMM 110	Fundamentals of Public Speaking	3	
Social & Behavioral Sciences:			
1.		3	
2.		3	
Enrichment			
1.		2	
<b>Total Credits</b>		<b>26</b>	

<b>TOTAL CURRICULUM CREDITS</b>	<b>62</b>
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**Diversity Requirement (3 credits)** – If a course is used to fulfill a general education requirement in Arts & Humanities or Social & Behavioral Science, it may be used to fulfill the diversity requirement as well. Courses that complete this requirement are listed in the BSC catalog and are marked with a **(D)** on the Curriculum Guide.