

# BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in COMPUTER SCIENCE (2005-2006 Academic Year)

<b>NAME:</b>		<b>DATE:</b>
<b>BU ID #:</b>	<b>ADVISOR:</b>	<b>SEMESTER OF ENTRY:</b>

GRADUATION REQUIREMENT: Students must submit a total of 120 semester credit hours (with a minimum G.P.A. of 2.0 from Benedictine University courses) of which 45 semester hours, including twelve 200+ level semester credit hours in their major field, must be from Benedictine University.

<p><b>BASIC SKILLS (12 HOURS)</b> Grade of "C" or better required.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">College</th> <th style="text-align: left;">Course #</th> <th style="text-align: left;">Cr.</th> <th style="text-align: left;">Grade</th> <th></th> </tr> </thead> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Argumentative Writing (RHET-S101)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Research Writing (RHET-S102)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Basic Speech (RHET-S110)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Math satisfied by Major</td> </tr> </tbody> </table>	College	Course #	Cr.	Grade		_____	_____	_____	_____	Argumentative Writing (RHET-S101)	_____	_____	_____	_____	Research Writing (RHET-S102)	_____	_____	_____	_____	Basic Speech (RHET-S110)	_____	_____	_____	_____	Math satisfied by Major	<p><b>COMMON CORE (12 HRS / 6 HRS FOR 20+ TRANSFERS)</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">College</th> <th style="text-align: left;">Course #</th> <th style="text-align: left;">Cr.</th> <th style="text-align: left;">Grade</th> <th></th> </tr> </thead> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>HUMN-101 1st Year Seminar</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>HUMN-220, 230, or 240</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>HUMN-220, 230, or 240</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>HUMN-250 - required for all</td> </tr> </tbody> </table> <p>HUMN-220, 230, 240, 250 taken at Benedictine comprise the Cultural Heritage Series. Transfers with 20+ hours are exempt from the First Year Seminar and one Cultural Heritage class.</p>	College	Course #	Cr.	Grade		_____	_____	_____	_____	HUMN-101 1st Year Seminar	_____	_____	_____	_____	HUMN-220, 230, or 240	_____	_____	_____	_____	HUMN-220, 230, or 240	_____	_____	_____	_____	HUMN-250 - required for all
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**CORE ELECTIVES** The approval of transfer courses for Core Electives is done at the point of transfer according to transfer guidelines. Transfer students must satisfy their remaining core elective hours using appropriate core elective courses [labeled 'C' in the Catalog and Course Schedule] or a designated history course. Substitutions are not allowed after entry.

<p><b>ARTS AND HUMANITIES (12 HOURS)</b></p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>PHIL _____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>RELS _____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>FNAR/MUSI _____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>LITR/FRLGLITR _____</td> </tr> </tbody> </table> <p>For transfers with 20+ hours: 4 courses with at least 1 but no more than 2 courses in FNAR/MUSI, and one in PHIL/RELS/LITR/FRLGLITR. The remaining two courses are to be chosen from COMM; FNAR; FRLG; HIST; LITR; MUSI; PHIL; RELS.</p>	_____	_____	_____	_____	PHIL _____	_____	_____	_____	_____	RELS _____	_____	_____	_____	_____	FNAR/MUSI _____	_____	_____	_____	_____	LITR/FRLGLITR _____	<p><b>NATURAL SCIENCES (9 HOURS)</b></p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>_____</td> <td>_____</td> <td>3</td> <td>_____</td> <td>LIFE SC _____</td> </tr> <tr> <td colspan="4"></td> <td>(includes BIOL, BCHM, NRHL, NUTR)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>3</td> <td>_____</td> <td>PHYSICAL SC _____</td> </tr> <tr> <td colspan="4"></td> <td>(includes CHEM, PHYS)</td> </tr> </tbody> </table> <p>Satisfied by major _____ If LIFE SCI &amp; PHYS SCI total 9 hours, requirement is satisfied.</p>	_____	_____	3	_____	LIFE SC _____					(includes BIOL, BCHM, NRHL, NUTR)	_____	_____	3	_____	PHYSICAL SC _____					(includes CHEM, PHYS)
_____	_____	_____	_____	PHIL _____																																					
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<b>SOCIAL SCIENCES (9 HOURS)</b>				
_____	_____	_____	_____	BUSN/ECON _____
_____	_____	_____	_____	ANTH/PLSC _____
_____	_____	_____	_____	PSYC/SOCL _____
For transfers with 20+ hours: 3 courses from at least 2 areas of BUSN; ECON; ANTH; PLSC; PSYC; SOCL.				

### MAJORS AND COGNATES\*

College	Course	Cr	Gr		College	Course	Cr	Gr	
		3		MATH-105 or 110 or Prof exam			3		CMSC-274 Obj Oriented Des & Prog
				Computational Requirement**			3		CMSC-330 Database Mgmt Systems
				Computational Requirement**			3		CMSC-375 Software Engineering
		4		MATH-240 Discrete Mathematics					
		4		CMSC-180 Intro to Computer Science			3		CMSC Elective [300 level]***
		4		CMSC-200 Computer Programming			3		CMSC Elective [300 level]***
		3		CMSC-205 Data Struc & Algo I			3		CMSC Elective [300 level]***
		3		CMSC-220 Intro to Comp Systems					
		3		CMSC-270 Data Struc & Algo II			3		CMSC-398 Capstone Project

All majors must submit at least 38 hours in computer science, with 18 hours at the CMSC 300 level.

\*All major and cognate courses must be completed with a grade of "C" or better to apply to the major.

\*\*To satisfy the Computational Requirement, select 2 courses from Math 115 (3), Mgt 150 (3), Math 170 (5), Math 200 (4), Math 210 (4), or Math 211 (4).

\*\*\*Electives must include 9 hours from the following: CMSC 310, 311, 315, 331, 350, 351, 365, 366, 370, 374, 380, 385, 386, 388, 391.

