

**BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in  
COMPUTER SCIENCE  
Freshman Rules  
(2006-2007 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)

<p><b>BASIC SKILLS (12 HOURS) Grade of "C" or better required.</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>Writing Colloquium (RHET-S103)* (or HNRS 190: 1<sup>st</sup> Year Colloquium I)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>Research Writing (RHET-S102) (or HNRS 191: 1<sup>st</sup> Year Colloquium II)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>Basic Speech (RHET-S110) (or HNRS-191)</td> </tr> <tr> <td>_____</td> <td><u>Satisfied by major</u></td> <td>_____</td> <td>_____</td> <td>Finite Math (MATH-S105) or College Algebra (MATH-S110)</td> </tr> </tbody> </table> <p><b>*Freshman with AP credit for RHET-S103 must take RHET-S104, Person in Community: One-Hour seminar</b></p>	College	Course #	Cr.	Grade		_____	_____	___	_____	Writing Colloquium (RHET-S103)* (or HNRS 190: 1 <sup>st</sup> Year Colloquium I)	_____	_____	___	_____	Research Writing (RHET-S102) (or HNRS 191: 1 <sup>st</sup> Year Colloquium II)	_____	_____	___	_____	Basic Speech (RHET-S110) (or HNRS-191)	_____	<u>Satisfied by major</u>	_____	_____	Finite Math (MATH-S105) or College Algebra (MATH-S110)	<p><b>COMMON CORE (12 HOURS)</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>BU</td> <td>_____</td> <td>___</td> <td>_____</td> <td>HUMN-220 Mediterranean World (or HNRS-220 Mediterranean World)</td> </tr> <tr> <td>BU</td> <td>_____</td> <td>___</td> <td>_____</td> <td>HUMN-230 Baptism of Europe (or HNRS-230 Baptism of Europe)</td> </tr> <tr> <td>BU</td> <td>_____</td> <td>___</td> <td>_____</td> <td>HUMN-240 Converging Hemispheres (or HNRS-320 Converging Hemispheres)</td> </tr> <tr> <td>BU</td> <td>_____</td> <td>___</td> <td>_____</td> <td>HUMN-250-WI - required for all except scholars)</td> </tr> </tbody> </table> <p>HUMN-220, 230, 240, 250 <u>taken at Benedictine</u> comprise the Cultural Heritage Series.</p>	College	Course #	Cr.	Grade		BU	_____	___	_____	HUMN-220 Mediterranean World (or HNRS-220 Mediterranean World)	BU	_____	___	_____	HUMN-230 Baptism of Europe (or HNRS-230 Baptism of Europe)	BU	_____	___	_____	HUMN-240 Converging Hemispheres (or HNRS-320 Converging Hemispheres)	BU	_____	___	_____	HUMN-250-WI - required for all except scholars)
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<p><b>CORE ELECTIVES</b></p> <p>Core Electives must be chosen from classes labeled with a "C" designation in the Catalog and Course Schedule. A list can also be found at: <a href="http://www.ben.edu/core/electives.asp">http://www.ben.edu/core/electives.asp</a>.</p>																																																			
<p><b>ARTS AND HUMANITIES (12 HOURS)</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>PHIL (Ethics for Scholars)**</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 (HNRS-294 for Scholars)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>LITR/FRLGLITR</td> </tr> </tbody> </table> <p>**Scholars must pass PHIL-240, 245 or 250.</p>	College	Course #	Cr.	Grade		_____	_____	___	_____	PHIL (Ethics for Scholars)**	_____	_____	___	_____	RELS	_____	_____	___	_____	FNAR/MUSI (HNRS-294 for Scholars)	_____	_____	___	_____	LITR/FRLGLITR	<p><b>NATURAL SCIENCES (9 HOURS)</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>3</td> <td>_____</td> <td>LIFE SC</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>3</td> <td>_____</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>_____</td> <td>_____</td> <td>3</td> <td>_____</td> <td>(includes CHEM, PHYS)</td> </tr> </tbody> </table> <p>_____ <u>Satisfied by major</u></p>	College	Course #	Cr.	Grade		_____	_____	3	_____	LIFE SC	_____	_____	3	_____	(includes BIOL, BCHM, NRHL, NUTR)	_____	_____	3	_____	PHYSICAL SC	_____	_____	3	_____	(includes CHEM, PHYS)
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**MAJORS AND COGNATES\*\***

College	Course	Cr	Gr	College	Course	Cr	Gr	
		3				3		MATH-105 or 110 or Prof exam
						3		Computational Requirement**
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		4				3		MATH-240 Discrete Mathematics
		2				3		CMSC-180 Intro to Computer Science
		2				3		CMSC-181 Visual Basic Laboratory
		4				3		CMSC-200 Computer Programming
		3						CMSC-205 Data Struc & Algo I
		3				3		CMSC-220 Intro to Comp Systems
								CMSC-270 Data Struc & Algo II
								CMSC-274 Obj Oriented Des & Prog
								CMSC-375 Software Engineering
								CMSC-330 Database Mgmt Systems
								CMSC Elective [300 level]***
								CMSC Elective [300 level]***
								CMSC Elective [300 level]***
								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.

❖ One Writing Intensive course (indicated by a "WI" in the course schedule) must be completed within the major.