

**BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in
COMPUTER SCIENCE
Freshman Rules
(2009-2010 Academic Year)**

NAME:		DATE:
BU ID #:	ADVISOR:	SEMESTER OF ENTRY:

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><u>BASIC SKILLS</u> (12 HOURS) 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>Writing Colloquium (WRIT-S101)* (or HNRS 190: 1st Year Colloquium I)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>Research Writing (WRIT-S102) (or HNRS 191: 1st Year Colloquium II)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>Basic Speech (SPCH-S110) (or HNRS-191)</td> </tr> <tr> <td>_____</td> <td>Satisfied by major</td> <td>_____</td> <td>_____</td> <td>Finite Math (MATH-S105) or College Algebra (MATH-S110)</td> </tr> </tbody> </table> <p>*Freshman with AP credit for WRIT-S101 must take WRIT-S104, Person in Community: One-Hour seminar</p>	College	Course #	Cr.	Grade		_____	_____	___	_____	Writing Colloquium (WRIT-S101)* (or HNRS 190: 1 st Year Colloquium I)	_____	_____	___	_____	Research Writing (WRIT-S102) (or HNRS 191: 1 st Year Colloquium II)	_____	_____	___	_____	Basic Speech (SPCH-S110) (or HNRS-191)	_____	Satisfied by major	_____	_____	Finite Math (MATH-S105) or College Algebra (MATH-S110)	<p><u>COMMON CORE</u> (12 HOURS)</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 taken at Benedictine 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)
College	Course #	Cr.	Grade																																																
_____	_____	___	_____	Writing Colloquium (WRIT-S101)* (or HNRS 190: 1 st Year Colloquium I)																																															
_____	_____	___	_____	Research Writing (WRIT-S102) (or HNRS 191: 1 st Year Colloquium II)																																															
_____	_____	___	_____	Basic Speech (SPCH-S110) (or HNRS-191)																																															
_____	Satisfied by major	_____	_____	Finite Math (MATH-S105) or College Algebra (MATH-S110)																																															
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)																																															

CORE ELECTIVES

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:
<http://www.ben.edu/core/electives.asp>.

*Students accepted to the scholars program must take specific courses to satisfy these categories.

<p><u>ARTS AND HUMANITIES</u> (12 HOURS)</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 ★</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>RELS/THEO</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>	College	Course #	Cr.	Grade		_____	_____	___	_____	PHIL ★	_____	_____	___	_____	RELS/THEO	_____	_____	___	_____	FNAR/MUSI ★	_____	_____	___	_____	LITR/FRLGLITR	<p><u>NATURAL SCIENCES</u> (9 HOURS)</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>_____ Satisfied by major</p>	College	Course #	Cr.	Grade		_____	_____	3	_____	LIFE SC	_____	_____	3	_____	(includes BIOL, BCHM, NRHL, NUTR)	_____	_____	3	_____	PHYSICAL SC	_____	_____	3	_____	(includes CHEM, PHYS)
College	Course #	Cr.	Grade																																																
_____	_____	___	_____	PHIL ★																																															
_____	_____	___	_____	RELS/THEO																																															
_____	_____	___	_____	FNAR/MUSI ★																																															
_____	_____	___	_____	LITR/FRLGLITR																																															
College	Course #	Cr.	Grade																																																
_____	_____	3	_____	LIFE SC																																															
_____	_____	3	_____	(includes BIOL, BCHM, NRHL, NUTR)																																															
_____	_____	3	_____	PHYSICAL SC																																															
_____	_____	3	_____	(includes CHEM, PHYS)																																															

SOCIAL SCIENCES (9 HOURS)

College	Course #	Cr.	Grade	
_____	_____	___	_____	BUSN/ECON
_____	_____	___	_____	ANTH/PLSC ★
_____	_____	___	_____	PSYC/SOCL

MAJORS AND COGNATES**

College	Course	Cr.	Gr	College	Course	Cr.	Gr	
		3				3		MATH-105 or 110 or Prof exam
						3		Computational Requirement**
						3		Computational Requirement**
		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 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