

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in COMPUTER SCIENCE (2004-2005 Academic Year)

DATE _____

SEMESTER OF ENTRY _____

NAME: _____ PHONE: _____

BU ID# _____

Bring this checklist to your advising sessions each semester. Advisor: _____

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.

BASIC SKILLS (12 HOURS) Grade of "C" or better required.

College	Course #	Cr.	Grade	
_____	_____	_____	_____	Argumentative Writing (RHET-S101)
_____	_____	_____	_____	Research Writing (RHET-S102)
_____	_____	_____	_____	Basic Speech (RHET-S110)
_____	_____	_____	_____	Math satisfied by requirements in the major

COMMON CORE (12 HRS / 6 HRS FOR 20+ TRANSFERS)

College	Course #	Cr.	Grade	
_____	_____	_____	_____	HUMN-101 1st Year Seminar
_____	_____	_____	_____	HUMN-220, 230, or 240
_____	_____	_____	_____	HUMN-220, 230, or 240
_____	_____	_____	_____	HUMN-250 - required for all students

HUMN-220 - 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.

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.

ARTS AND HUMANITIES (12 HOURS)

College	Course #	Cr.	Grade	
_____	_____	_____	_____	PHIL _____
_____	_____	_____	_____	RELS _____
_____	_____	_____	_____	FNAR/MUSI _____
_____	_____	_____	_____	LITR/FRLGLITR _____

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

NATURAL SCIENCES (9 HOURS)

College	Course #	Cr.	Grade	
_____	3	_____	_____	LIFE SC _____ (includes BIOL, BCHM, NRHL, NUTR)
_____	_____	3	_____	PHYSICAL SC _____ (includes CHEM, PHYS)
_____	_____	3	_____	satisfied by major

SOCIAL SCIENCES (9 HOURS)

College	Course #	Cr.	Grade	
_____	_____	_____	_____	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*

_____	_____	3	_____	Math 105 or 110 or proficiency 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 Math	_____	_____	3	_____	CMSC Elective [300 level]***
_____	_____	4	_____	CMSC-180 Intro to Comp 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-220 Intro to Computer Systems	_____	_____	3	_____	CMSC 398 Capstone Project
_____	_____	3	_____	CMSC-270 Data Struc & Algo II	_____	_____	_____	_____	

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 (5), 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, 390-394.

