

# BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in MATHEMATICS (2003-2004 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)
_____	_____	_____	_____	Finite Math (MATH-S105) <b>or</b>
_____	_____	_____	_____	College Algebra (MATH-S110) <b>or</b>
_____	_____	_____	_____	Quantitative Reasoning (MATH-S108)

**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 - <u>required for all students</u>

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.

**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. One of the Cultural Heritage classes may meet a Core Elective requirement in the Arts and Humanities [exclusive of the FNAR/MUSI requirement] or in the Social Sciences.

**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)**

_____	3	_____	LIFE SC _____
(includes BIOL, BCHM, NRHL, NUTR)			
_____	3	_____	PHYSICAL SC _____
(includes CHEM, PHYS)			

Remainder satisfied by major

**SOCIAL SCIENCES (9 HOURS)**

_____	_____	_____	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**

_____	5	_____	MATH-210 Calc w Analytics I*	_____	3	_____	MATH-341 Real Analysis
_____	4	_____	MATH-211 Calc w Analytics II	_____	3	_____	MATH Elective (300 level)
_____	4	_____	MATH-212 Calc w Analytics III	_____	3	_____	MATH Elective (300 level sequence)
_____	4	_____	MATH-260 Differential Equations	_____	3	_____	MATH Elective (200-300 level)
_____	3	_____	MATH-300 Linear Algebra	_____	3	_____	MATH Elective (200-300 level)
_____	3	_____	MATH-331 Abstract Algebra I	_____	_____	_____	Comprehensive exam

All majors must submit at least 37 hours from mathematics course [with a grade of "C" or better] at the 200 level or above, including 15 hours at the 300 level. \*MATH-210 may be replaced by taking both MATH-170 and MATH-200.

Seniors are required to pass an externally administered examination at a proficiency level set by the department.

