

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in MATHEMATICS ACTUARIAL SCIENCE CONCENTRATION (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)
 Finite Math (MATH-S105) **or**
 College Algebra (MATH-S110) **or**
 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 - required for all students
 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. 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	_____	_____
_____	_____	_____	_____
_____	3	_____	_____
_____	_____	_____	_____

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

Remainder satisfied by major

SOCIAL SCIENCES (9 HOURS)

_____	Satisfied by major	_____	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 370 Theory of Interest
_____	4	_____	MATH-212 Calc w Analytics III	_____	3	_____	MATH 371 Probability & Statistics I
_____	4	_____	MATH-260 Differential Equations	_____	3	_____	MATH 373 Probability & Statistics II
_____	3	_____	MATH-300 Linear Algebra	_____	3	_____	MATH Elective (200-300 level)
_____	3	_____	MATH-331 Abstract Algebra I	_____	3	_____	ECON 101 Macro or 102 Micro
_____	_____	_____	_____	_____	_____	_____	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.

A minor is encouraged from one of the following areas: accounting, business and economics, economics, finance, international business and economics, management and organizational behavior, or marketing.

