

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in MATHEMATICS, MINOR IN EDUCATION with Secondary Teacher Certification, 6-12 (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) or
				Quantitative Reasoning (MATH-S108) or
				College Algebra (MATH-S110)

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

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

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.
(LITR must be included to satisfy ENG requirement for teacher certification).

NATURAL SCIENCES (9 HOURS)

College	Course #	Cr.	Grade	
_____	_____	_____	_____	BIOLOGY
_____	_____	_____	_____	Physical Science
_____	_____	_____	_____	Biology or Physical Science with Lab

Note: 9 hours of BIOL and PHYS SCI coursework required.

NON-WEST CULTURAL REQUIREMENT

Teaching certification candidates must take a non-west/3rd world culture course that may apply to one of the Humanities or Social Science requirements.

SOCIAL SCIENCES (9 HOURS)

College	Course #	Cr.	Grade	
_____	_____	_____	_____	ECON _____
_____	_____	_____	_____	PLSC-102 American Government
_____	_____	_____	_____	PSYC-241 Educational Psychology

For transfers with 20+ hours: 3 courses from at least 2 areas of 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-312 Mid & H.S teachers
_____	_____	4	_____	MATH-212 Calc w Analytics III	_____	4	_____	_____	MATH-240 Discrete Math
_____	_____	4	_____	MATH-260 Differential Equations	_____	_____	3	_____	MATH 371 Prob & Stats I
_____	_____	3	_____	MATH-300 Linear Algebra	_____	_____	3	_____	MATH 373 Prob &Stats II
_____	_____	3	_____	MATH-310 Modern Geometry	_____	_____	3	_____	CMSC-120 Prob Solv w/ Computers
_____	_____	3	_____	MATH-331 Abstract Algebra I	_____	_____	4	_____	or
					_____	_____	_____	_____	CMSC-180 Intro to Computer Science
									Comprehensive Exam

All majors must submit at least 40 hours from mathematics courses [with a grade of "C" or better], at the 200 level or above, including 18 hours at the 300 level. Seniors are required to pass an externally administered examination at a proficiency level set by the department.

*MATH-210 may be replaced by taking both MATH-170 and MATH-200.

A cumulative 2.5 GPA is needed for teacher certification: overall, in major and in professional education courses. [GPA is based on Benedictine University courses only]

