BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in MATHEMATICS
ACTUARIAL SCIENCE CONCENTRATION
Freshman Rules
(2011-2012 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) .

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

College	Course #	Cr.	Grade	
				Writing Colloquium (WRIT-S101)* (or HNRS 190: 1st Year Colloquium I)
				Research Writing (WRIT-S102) (or HNRS 191: 1st Year Colloquium II)
				Basic Speech (SPCH-S110) (or HNRS-191)
	Satisfied by Major			Finite Math (MATH-S105) **or** College Algebra (MATH-S110)

***Freshmen with AP credit for WRIT-S101 must take WRIT-S104, Person in Community: One-Hour seminar**

COMMON CORE (12 HOURS)

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 (or HNRS-393 Global Interdependence)

HUMN-220, 230, 240, 250 taken at Benedictine comprise the Cultural Heritage Series.

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.

ARTS AND HUMANITIES (12 HOURS)

				PHIL★_____
				RELS/THEO_____
				FNAR/MUSI ★_____
				LITR/FRLGLITR_____

NATURAL SCIENCES (9 HOURS)

				LIFE SC_____ (includes BIOL, BCHM, NRHL, NUTR)
				PHYSICAL SC_____ (includes CHEM, PHYS)
	Satisfied by major			_____

SOCIAL SCIENCES (9 HOURS)

	Satisfied by major			BUSN/ECON_____
				ANTH/PLSC★_____
				PSYC/SOCL_____

MAJORS AND COGNATES❖

College	Course	Cr	Gr		College	Course	Cr	Gr	
		4		MATH-210 Calc w/ Analytics I*			3		MATH-341 Real Analysis I
		1		MATH-207 Calc w/ Analytics I Lab			3		MATH-370 Theory of Interest
		4		MATH-211 Calc w/ Analytics II**			3		MATH-371 Probability & Statistics I
		4		MATH-212 Calc w/ Analytics III			3		MATH-373 (WI) Probability & Statistics II
		4		MATH-260 (WI) Differential Equations			3		MATH Elective (200-300 level)
		3		MATH-300 Linear Algebra			3		ECON 101 Macro or 102 Micro
		3		MATH-331 Abstract Algebra I					Comprehensive Exam

All majors must submit at least 37 hours from mathematics courses [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 MATH-220 or by taking both MATH-170 and MATH-200.
**MATH-211 may be replaced by taking both MATH-221 and MATH-208.

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

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

❖ One Writing Intensive course (indicated by a "WI" in the course schedule) must be completed within the major. MATH-260, 310 and 373 are designated Writing Intensive courses.

8/29/11