

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in MATHEMATICS MINOR IN EDUCATION with Secondary Teacher Certification, 6-12

Freshman Rules (2011-2012 Academic Year)

Several requirements on this checklist are dictated by the State of Illinois. Changes may occur in certification requirements, therefore requiring different courses than those listed below.

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)

<p><u>BASIC SKILLS</u> (12 HOURS) Grade of "C" or better required.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">College</th> <th style="text-align: left;">Course #</th> <th style="text-align: left;">Cr.</th> <th style="text-align: left;">Grade</th> <th></th> </tr> </thead> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Writing Colloquium (WRIT-S101)* (or HNRS 190: 1st Year Colloquium I)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Research Writing (WRIT-S102) (or HNRS 191: 1st Year Colloquium II)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Basic Speech (SPCH-S110) (or HNRS-191)</td> </tr> <tr> <td>_____</td> <td>Satisfied by major</td> <td>_____</td> <td>_____</td> <td>Finite Math (MATH-S105) or College Algebra (MATH-S110)</td> </tr> </tbody> </table> <p>*Freshmen with AP credit for WRIT-S101 must take WRIT-S104, Person in Community: One-Hour seminar</p>	College	Course #	Cr.	Grade		_____	_____	_____	_____	Writing Colloquium (WRIT-S101)* (or HNRS 190: 1 st Year Colloquium I)	_____	_____	_____	_____	Research Writing (WRIT-S102) (or HNRS 191: 1 st Year Colloquium II)	_____	_____	_____	_____	Basic Speech (SPCH-S110) (or HNRS-191)	_____	Satisfied by major	_____	_____	Finite Math (MATH-S105) or College Algebra (MATH-S110)	<p><u>COMMON CORE</u> (12 HOURS)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">College</th> <th style="text-align: left;">Course #</th> <th style="text-align: left;">Cr.</th> <th style="text-align: left;">Grade</th> <th></th> </tr> </thead> <tbody> <tr> <td>BU</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>HUMN-220, 230 or 240 (or HNRS-220)</td> </tr> <tr> <td>BU</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>HUMN-220, 230 or 240 (or HNRS-230)</td> </tr> <tr> <td>BU</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>HUMN-250-WI (or HNRS-393 Global Interdependence) American History</td> </tr> <tr> <td colspan="5">HUMN-220 - 250 taken at Benedictine comprise the Cultural Heritage Series.</td> </tr> </tbody> </table>	College	Course #	Cr.	Grade		BU	_____	_____	_____	HUMN-220, 230 or 240 (or HNRS-220)	BU	_____	_____	_____	HUMN-220, 230 or 240 (or HNRS-230)	BU	_____	_____	_____	HUMN-250-WI (or HNRS-393 Global Interdependence) American History	HUMN-220 - 250 taken at Benedictine comprise the Cultural Heritage Series.				
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CORE ELECTIVES

Core Electives must be chosen from classes labeled with a "C" designation in the Catalog and Course Schedule. Due to certification requirements, all core electives must be completed with a grade of "C" or higher. 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.

<p>ARTS AND HUMANITIES (12 HOURS)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">College</th> <th style="text-align: left;">Course #</th> <th style="text-align: left;">Cr.</th> <th style="text-align: left;">Grade</th> <th></th> </tr> </thead> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>PHIL ★ _____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>RELS/THEO _____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>FNAR/MUSI ★ _____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>LITR _____</td> </tr> </tbody> </table>	College	Course #	Cr.	Grade		_____	_____	_____	_____	PHIL ★ _____	_____	_____	_____	_____	RELS/THEO _____	_____	_____	_____	_____	FNAR/MUSI ★ _____	_____	_____	_____	_____	LITR _____	<p>NATURAL SCIENCES (9 HOURS)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">College</th> <th style="text-align: left;">Course #</th> <th style="text-align: left;">Cr.</th> <th style="text-align: left;">Grade</th> <th></th> </tr> </thead> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>BIOLOGY</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Physical Science</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Biology or Phys Science with Lab</td> </tr> </tbody> </table>	College	Course #	Cr.	Grade		_____	_____	_____	_____	BIOLOGY	_____	_____	_____	_____	Physical Science	_____	_____	_____	_____	Biology or Phys Science with Lab
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MAJORS AND COGNATES❖

College	Course	Cr	Gr	College	Course	Cr	Gr						
		4				3		MATH-210 Calc w/ Analytics I*			3		MATH-312 Math for Secondary Teachers
		1				3		MATH-207 Calc w/ Analytics I Lab			3		MATH-331 Abstract Algebra I
		4				3		MATH-211 Calc w/ Analytics II**			3		MATH-341 Real Analysis I
		4				3		MATH-212 Calc w/ Analytics III			3		MATH-371 Prob & Stats I
		4				3		MATH-240 Discrete Math			3		MATH-373 (WI) Prob & Stats II
		4				2		MATH-260 (WI) Differential Equations			2		CMSC-180 Intro to Computer Science
		3				2		MATH-300 Linear Algebra			2		CMSC-181 Visual Basic lab
		3						MATH-310 (WI) Modern Geometry					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 MATH-220 or by taking both MATH-170 and MATH-200.

**MATH-211 may be replaced by taking both MATH-221 and MATH-208.

① Education majors/minors must have a grade of "C" or better in EDUC-210/PSYC-241 and the multicultural requirement course.

② The credit for Educational Psychology does not apply toward a middle-grades endorsement in social science.

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]

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❖ One Writing Intensive course (indicated by a "WI" in the course schedule) must be completed within the major

MINOR/TEACHER CERTIFICATION REQUIREMENTS				ELECTIVES			
College	Course	Cr	Gr	College	Course	Cr	Gr
		1					
		3					
		3					
		3					
		3					
		3					
		0					
		3					
		0					
		12					
		2					
		0					

Notes: _____

Highest Level Math Completed [if appropriate]: _____