

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in MATHEMATICS MINOR IN EDUCATION with Secondary Teacher Certification, 6-12 (2007-2008 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) of which 45 semester hours, including twelve 200+ level semester credit hours in their major field, must be from Benedictine University.

<p>BASIC SKILLS (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 (RHET-S103)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Research Writing (RHET-S102)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Basic Speech (RHET-S110)</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>	College	Course #	Cr.	Grade		_____	_____	_____	_____	Writing Colloquium (RHET-S103)	_____	_____	_____	_____	Research Writing (RHET-S102)	_____	_____	_____	_____	Basic Speech (RHET-S110)	_____	Satisfied by Major	_____	_____	Finite Math (MATH-S105) or College Algebra (MATH-S110)	<p>COMMON CORE (12 HRS / 6 HRS FOR 20+ TRANSFERS)</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>HUMN-____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>HUMN-____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>HUMN-250-WI-required for all American History</td> </tr> </tbody> </table> <p>HUMN-220 - 250 taken at Benedictine comprise the Cultural Heritage Series. Transfers with 20+ hours are exempt from two of 220, 230 or 240.</p>	College	Course #	Cr.	Grade		_____	_____	_____	_____	HUMN-____	_____	_____	_____	_____	HUMN-____	_____	_____	_____	_____	HUMN-250-WI-required for all American History
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<p>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]. Substitutions are not allowed after entry.</p>																																																																		
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<p>MULTI-CULTURAL/NON-WESTERN CULTURAL REQUIREMENT ① Teaching certification candidates must take a multi-cultural / non-western culture course that may apply to one of the Humanities or Social Science requirements.</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>_____</td> </tr> </tbody> </table>		College	Course #	Cr.	Grade		_____	_____	_____	_____	_____																																																							
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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-341 Real Analysis I
		1				3		MATH-207 Calc w/ Analytics I Lab			3		MATH-312 Math for Secondary Teachers
		4				4		MATH-211 Calc w/ Analytics II			4		MATH-240 Discrete Math
		4				3		MATH-212 Calc w/ Analytics III			3		MATH-371 Prob & Stats I
		4				3		MATH-260 (WI) Differential Equations			3		MATH-373 (WI) Prob & Stats II
		3				2		MATH-300 Linear Algebra			2		CMSC-180 Intro to Computer Science
		3				2		MATH-310 (WI) Modern Geometry			2		CMSC-181 Visual Basic lab
		3						MATH-331 Abstract Algebra I					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.

- 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]

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

