

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in MATHEMATICS (2005-2006 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><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; border-bottom: 1px solid black;">College</th> <th style="text-align: left; border-bottom: 1px solid black;">Course #</th> <th style="text-align: left; border-bottom: 1px solid black;">Cr.</th> <th style="text-align: left; border-bottom: 1px solid black;">Grade</th> <th></th> </tr> </thead> <tbody> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>Argumentative Writing (RHET-S101)</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>_____</td> <td>___</td> <td>_____</td> <td>Finite Math (MATH-S105) or</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>College Algebra (MATH-S110) or</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>Quantitative Reasoning (MATH-S108)</td> </tr> </tbody> </table>	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)	<p><u>COMMON CORE</u> (12 HRS / 6 HRS FOR 20+ TRANSFERS)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">College</th> <th style="text-align: left; border-bottom: 1px solid black;">Course #</th> <th style="text-align: left; border-bottom: 1px solid black;">Cr.</th> <th style="text-align: left; border-bottom: 1px solid black;">Grade</th> <th></th> </tr> </thead> <tbody> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>HUMN-101 1st Year Seminar</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>HUMN-220, 230, or 240</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>HUMN-220, 230, or 240</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>HUMN-250 - required for all</td> </tr> <tr> <td colspan="5">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.</td> </tr> </tbody> </table>	College	Course #	Cr.	Grade		_____	_____	___	_____	HUMN-101 1st Year Seminar	_____	_____	___	_____	HUMN-220, 230, or 240	_____	_____	___	_____	HUMN-220, 230, or 240	_____	_____	___	_____	HUMN-250 - required for all	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.				
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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.

<p><u>ARTS AND HUMANITIES</u> (12 HOURS)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">College</th> <th style="text-align: left; border-bottom: 1px solid black;">Course #</th> <th style="text-align: left; border-bottom: 1px solid black;">Cr.</th> <th style="text-align: left; border-bottom: 1px solid black;">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 _____</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/FRLGLITR _____</td> </tr> </tbody> </table> <p>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.</p>	College	Course #	Cr.	Grade		_____	_____	___	_____	PHIL _____	_____	_____	___	_____	RELS _____	_____	_____	___	_____	FNAR/MUSI _____	_____	_____	___	_____	LITR/FRLGLITR _____	<p><u>NATURAL SCIENCES</u> (9 HOURS)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">College</th> <th style="text-align: left; border-bottom: 1px solid black;">Course #</th> <th style="text-align: left; border-bottom: 1px solid black;">Cr.</th> <th style="text-align: left; border-bottom: 1px solid black;">Grade</th> <th></th> </tr> </thead> <tbody> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>LIFE SC _____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>(includes BIOL, BCHM, NRHL, NUTR)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>PHYSICAL SC _____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>___</td> <td>_____</td> <td>(includes CHEM, PHYS)</td> </tr> <tr> <td colspan="5" style="text-align: center;">Satisfied by major _____</td> </tr> <tr> <td colspan="5">If LIFE SCI & PHYS SCI total 9 hours, requirement is satisfied.</td> </tr> </tbody> </table>	College	Course #	Cr.	Grade		_____	_____	___	_____	LIFE SC _____	_____	_____	___	_____	(includes BIOL, BCHM, NRHL, NUTR)	_____	_____	___	_____	PHYSICAL SC _____	_____	_____	___	_____	(includes CHEM, PHYS)	Satisfied by major _____					If LIFE SCI & PHYS SCI total 9 hours, requirement is satisfied.				
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<u>SOCIAL SCIENCES</u> (9 HOURS)				
_____	_____	___	_____	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

College	Course	Cr	Gr	College	Course	Cr	Gr						
		4				3		MATH-210 Calc w/ Analytics I*					MATH-341 Real Analysis I
		1				3		MATH-207 Calc w/ Analytics I Lab					MATH Elective (300 level)
		4				3		MATH-211 Calc w/ Analytics II					MATH Elective (300 level sequence)
		4				3		MATH-212 Calc w/ Analytics III					MATH Elective (200-300 level)
		4				3		MATH-260 Differential Equations					MATH Elective (200-300 level)
		3						MATH-300 Linear Algebra					Comprehensive Exam
		3						MATH-331 Abstract Algebra I					

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 taking both MATH-170 and MATH-200.

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

