

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in PHYSICS (Concentration: Physics) (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>_____</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		_____	_____	_____	_____	Writing Colloquium (RHET-S103)	_____	_____	_____	_____	Research Writing (RHET-S102)	_____	_____	_____	_____	Basic Speech (RHET-S110)	_____	_____	_____	_____	Finite Math (MATH-S105) or	_____	_____	_____	_____	College Algebra (MATH-S110) or	_____	_____	_____	_____	Quantitative Reasoning (MATH-S108)	<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-220 or 230 or 240</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>HUMN-250-WI-required for all</td> </tr> </tbody> </table> <p>HUMN-220, 230, 240, 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-220 or 230 or 240	_____	_____	_____	_____	HUMN-250-WI-required for all
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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]. Substitutions are not allowed after entry.

<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 _____</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>NATURAL SCIENCES (9 HOURS)</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>_____</td> <td>_____</td> <td>3</td> <td>_____</td> <td>LIFE SC _____</td> </tr> </tbody> </table> <p>Remainder satisfied by major</p>	_____	_____	3	_____	LIFE SC _____
College	Course #	Cr.	Grade																												
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_____	_____	_____	_____	BUSN/ECON _____											
_____	_____	_____	_____	ANTH/PLSC _____											
_____	_____	_____	_____	PSYC/SOCL _____											

MAJORS AND COGNATES*❖

College	Course	Cr	Gr	College	Course	Cr	Gr	
		4				1		PHYS-207 Modern Physics lab
		1				4		PHYS-211 University Physics I
		4				4		PHYS-212 University Physics II
		4				3		PHYS-213 Modern Physics
		4				3		Physics-220 Analytic Mechanics
		3				3		Physics-264 Electronics
		1				3		PHYS-313 Classical Thermodynamics
		3				3		PHYS-315 Quantum & Statistical Mechanics
		1				3		PHYS-340 Electricity and Magnet I
		4				5		Physics Elective (200-300 level)
		1				2		PHYS-398 Research
		1						

*All courses must be completed with a grade of "C" or better.

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

All majors must submit a minimum of 36 hours in physics at the 200 level or above, with at least 9 hours at the 300 level. Majors must complete a comprehensive exam or equivalent.

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

