

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in PHYSICS (Concentration: Physics) (2008-2009 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 (WRIT-S101)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Research Writing (WRIT-S102)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Basic Speech (SPCH-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 (WRIT-S101)	_____	_____	_____	_____	Research Writing (WRIT-S102)	_____	_____	_____	_____	Basic Speech (SPCH-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 style="text-align: center;">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 Magnetism
		4				2		Physics Elective (200-300 level)
		1				2		PHYS-398 Research
		1				3		Physics Elective (300-level) ④

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

② MATH-210 may be replaced by taking both MATH-170 and MATH-200.

③ or CHEM-115 and CHEM-125 or NTSC-151 and NTSC-152

④ may substitute MATH-361 or CMSC-350

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

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Minors are optional but recommended. Please see the Benedictine University catalog and the department for specific requirements.

NOTES:

HIGHEST LEVEL OF MATH COMPLETED [if appropriate]: _____

TOTALS:

	Hours completed	Hours Remaining
Basic Skills		
Common Core		
Arts & Humanities		
Natural Sciences		
Social Sciences		
Major	*	*
Electives	*	*
TOTAL		*

The following semester hours will be posted on your transcript:

* Please speak with your departmental advisor regarding further evaluation of major credits and remaining major requirements.

RESIDENCY REQUIREMENTS: Please note the checked boxes that apply to you:

- A minimum total of 120 semester credit hours are required for graduation (with a minimum cumulative G.P.A. of 2.0 from Benedictine University)
- 55 semester hours at the Baccalaureate level must be completed at a four-year regionally accredited college/university.
- At least twelve 200+ level semester credit hours in the major field must be from Benedictine University.
- 45 semester credit hours must be completed at Benedictine University.
- At least 30 of your final 45 semester credit hours must be completed at Benedictine University.
- At least the last 30 credit hours of your undergraduate degree must be completed without interruption at Benedictine University as a degree seeking student.

Special Notes:

1. Hours in progress are not included in the totals of this evaluation. Additional hours will be credited upon receipt of credentials.
2. Grades of "D" will not be applied towards major or Basic Skills requirements or toward some other courses as stated in the university catalog.
3. Double credit will not be given for repeated courses.
4. Only courses taken at Benedictine University will be included in the grade point average.
5. This checklist is applicable for the major indicated. If a different major is chosen, the requirements for both the major and core will vary.
- 6a. To be considered for Latin graduation hours, you must complete 55 undergraduate semester hours at Benedictine University.
- 6b. Students who complete 30 to 54 hours with a 3.5 cumulative grade point average at Benedictine University will graduate "with Honors".
7. Courses taken at Benedictine University may be repeated only at Benedictine University.
8. Equivalent transfer courses, if taken prior to admission, may meet core requirements. Any course taken to fulfill core requirements after admission to Benedictine must be a core elective course (labeled with a "C" in the Catalog or course schedule) or an IAI core course. Written permission is required for current Benedictine students to transfer in courses from other schools. See your advisor.

Date

Transfer Credit Evaluation and Articulation

Department Chair