

**BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in PHYSICS,  
MINOR IN EDUCATION with Secondary Teacher Certification, 6-12  
(2004-2005 Academic Year)**

DATE \_\_\_\_\_

SEMESTER OF ENTRY \_\_\_\_\_

NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_

BU ID# \_\_\_\_\_

**Bring this checklist to your advising sessions each semester. Advisor:** \_\_\_\_\_

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.

**BASIC SKILLS (12 HOURS) Grade of "C" or better required.**

College	Course #	Cr.	Grade	
_____	_____	_____	_____	Argumentative Writing (RHET-S101)
_____	_____	_____	_____	Research Writing (RHET-S102)
_____	_____	_____	_____	Basic Speech (RHET-S110)
_____	_____	_____	_____	College Algebra (MATH-S110)

**COMMON CORE (12 HRS / 6 HRS FOR 20+ TRANSFERS)**

College	Course #	Cr.	Grade	
_____	_____	_____	_____	HUMN-101 1st Year Seminar
_____	_____	_____	_____	HUMN-220, 230, or 240
_____	_____	_____	_____	HUMN-250 required for all students
_____	_____	_____	_____	American History

HUMN-220 - 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.

**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.

**ARTS AND HUMANITIES (12 HOURS)**

_____	_____	_____	_____	Satisfied by major _____
_____	_____	_____	_____	RELS _____
_____	_____	_____	_____	FNAR/MUSI _____
_____	_____	_____	_____	LITR _____

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.  
(LITR must be included to satisfy ENG requirement for teacher certification).

**NATURAL SCIENCES (9 HOURS)**

Satisfied by major requirements

**SOCIAL SCIENCES (9 HOURS)**

_____	_____	_____	_____	ECON _____
_____	_____	_____	_____	PLSC-102 American Government
_____	_____	_____	_____	PSYC-241 Educational Psychology

For transfers with 20+ hours: 3 courses from at least 2 areas of ECON; ANTH; PLSC; PSYC; SOCL

**NON-WEST CULTURAL REQUIREMENT**

Teaching certification candidates must take a non-west/3<sup>rd</sup> world culture course that may apply to one of the Humanities or Social Science requirements.

**MAJORS AND COGNATES\*\***

_____	_____	3	_____	PHIL 290 History & Philosophy of Science	_____	_____	_____	_____
_____	_____	3	_____	NTSC-111 Contemporary Biology	_____	_____	_____	_____
_____	_____	4	_____	PHYS-107 Earth & Space Science	_____	_____	_____	_____
_____	_____	5	_____	MATH-210 Calc w Analytics I* **	_____	_____	3	PHYS-213 Intro to Modern Physics
_____	_____	4	_____	MATH-211 Calc w Analytics II	_____	_____	3	PHYS-220 Statics
_____	_____	4	_____	MATH-212 Calc w Analytics III	_____	3	_____	PHYS-221 Dynamics
_____	_____	4	_____	MATH-260 Diff Equations	_____	_____	3	PHYS 340 E & M I
_____	_____	1	_____	PHYS-205 Experimental Physics I	_____	_____	2	Physics elective (200-300 level)
_____	_____	1	_____	PHYS-206 Experimental Physics II	_____	_____	3	Physics Elective (300 level)
_____	_____	4	_____	PHYS-211 Physics I	_____	3	_____	Physics Elective (300 level)
_____	_____	4	_____	PHYS-212 Physics II	_____	_____	_____	Comprehensive Exam

\*\*All majors must submit a minimum of 30 hours in physics at the 200 level or above, with at least 9 hours at the 300 level. All major and cognate courses must be "C" or better.

Majors must complete a comprehensive examination.

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

**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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**MINOR/CONCENTRATION/TEACHER CERTIFICATION/ELECTIVES**

<u>College</u>	<u>Course #</u>	<u>Cr.</u>	<u>Grade</u>		<u>College</u>	<u>Course #</u>	<u>Cr.</u>	<u>Grade</u>	
_____	_____	1	_____	EDUC-200 Preclinical Exp	_____	_____	_____	_____	_____
_____	_____	3	_____	EDUC-205 Hist & Phil of Educ *	_____	_____	_____	_____	_____
_____	_____	2	_____	EDUC-215 Technology for Teachers	_____	_____	_____	_____	_____
_____	_____	3	_____	EDUC-260 Survey of Except Child	_____	_____	_____	_____	_____
_____	_____	1	_____	EDUC-300 Professional Seminar for Teachers	_____	_____	_____	_____	_____
_____	_____	3	_____	EDUC-310 Measurement & Eval	_____	_____	_____	_____	_____
_____	_____	3	_____	EDUC-353 Meth/Prin MidSch or a second Meth in Tchg Field	_____	_____	_____	_____	_____
_____	_____	0	_____	EDUC-354 Preclinical Exp MidSch or EDUC-350	_____	_____	_____	_____	_____
_____	_____	3	_____	EDUC-330 Method Teach Physical Sci Sec	_____	_____	_____	_____	_____
_____	_____	0	_____	EDUC-350 Preclinical Exp	_____	_____	_____	_____	_____
_____	_____	10-12	_____	EDUC-371 Student Teach Sec	_____	_____	_____	_____	_____
_____	_____	2	_____	PHED-257 Wellness	_____	_____	_____	_____	_____
_____	_____	0	_____	EDUC-206 Transfer Introduction to Education Seminar (TIES) is required for students who have been awarded * Transfer credit for EDUC 205, History and Philosophy of Education.	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

If Math is second field: MATH-240, 300, 310, 371; CMSC-200; EDUC-335, 350.  
 If Chemistry is second field: CHEM-113, 114, 123, 124, 395, 396.  
 If Biology is second field: consult education department advisor.  
 Students must complete second field courses with a grade of "C" or better.

Notes: \_\_\_\_\_  
 \_\_\_\_\_

Highest Level Math Completed [if appropriate]: \_\_\_\_\_

	<u>Transferable Hour</u>	<u>Hours Remaining</u>	<u>The following semester hours will be posted on your transcript:</u>
Basic Skills	_____	_____	_____
Common Core	_____	_____	_____
Core Electives	_____	_____	_____
Major & Cognates	_____	_____	_____
Education Minor	_____	_____	_____
Student Teaching	_____	_____	_____
Electives	_____	_____	_____
Other	_____	_____	_____
<b>TOTAL</b>	_____	_____	_____

**Special Notes:**

- Hours in progress are not included in the totals of this evaluation. Additional hours will be credited upon receipt of credentials.
- We do not apply grades of "D" toward a major or Basic Skills or toward some other courses as stated in the university catalog.
- Double credit will not be given for repeated courses.
- Only courses taken at Benedictine University will be included in the grade point average.
- This checklist is applicable for the major indicated. If a different major is chosen, the requirements for both the major and core will vary.
- To be considered for Latin graduation hours, you must complete 55 undergraduate semester hours at Benedictine University.
- Students who complete 30 to 54 hours with a 3.5 cumulative grade point average at Benedictine University will graduate "with Honors".
- 55 semester hours at the Baccalaureate level must be completed at a four-year regionally accredited college/university.
- Courses taken at Benedictine University may be repeated only at Benedictine University.
- A minimum of 30 semester credit hours must be earned from coursework at Benedictine University.
- 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) of which 45 semester hours, including twelve 200+ level semester credit hours in the major field, must be from Benedictine University.
- 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 Articulation Coordinator

\_\_\_\_\_  
 Department Chair  
 See the Department Chair for evaluation of major credit.