

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in PHYSICS (Concentration: Physics) (2002-2003 Academic Year)

DATE _____

SEMESTER OF ENTRY _____

NAME: _____

PHONE: _____

Attach this checklist to the catalog for the year listed above and bring to your advising sessions each semester.

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.

NOTES: Hours referred to below are semester credit hours.

BASIC SKILLS (12 HOURS)

| College | Course # | Cr. | Grade | |
|---------|----------|-------|-------|---------------------------------------|
| _____ | _____ | _____ | _____ | Argumentative Writing (RHET-S101) |
| _____ | _____ | _____ | _____ | Research Writing (RHET-S102) |
| _____ | _____ | _____ | _____ | Basic Speech (RHET-S110) |
| _____ | _____ | _____ | _____ | Finite Math I (MATH-S105) or |
| _____ | _____ | _____ | _____ | College Algebra (MATH-S110) or |
| _____ | _____ | _____ | _____ | Quantitative Reasoning (MATH-S108) |

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

| College | Course # | Cr. | Grade | |
|---|----------|-------|-------|--------------------------------------|
| _____ | _____ | _____ | _____ | HUMN-101 1st Year Seminar |
| _____ | _____ | _____ | _____ | HUMN-220, 230, or 240 |
| _____ | _____ | _____ | _____ | HUMN-220, 230, or 240 |
| _____ | _____ | _____ | _____ | HUMN-250 - required for all students |
| 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 (30 HOURS) 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 [labeled 'R' in the Catalog and Course Schedule]. One of the Cultural Heritage classes may meet a Core Elective requirement in the Arts and Humanities [exclusive of the FNAR/MUSI requirement] or in the Social Sciences.

ARTS AND HUMANITIES (12 HOURS)

| College | Course # | Cr. | Grade | |
|---------|----------|-------|-------|-----------------|
| _____ | _____ | _____ | _____ | PHIL _____ |
| _____ | _____ | _____ | _____ | RELS _____ |
| _____ | _____ | _____ | _____ | FNAR/MUSI _____ |

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.

NATURAL SCIENCES (9 HOURS)

| College | Course # | Cr. | Grade | |
|---------|----------|-------|-------|----------------|
| _____ | _____ | _____ | _____ | LIFE SCI _____ |

SOCIAL SCIENCES (9 HOURS)

| College | Course # | Cr. | Grade | |
|---------|----------|-------|-------|-----------------|
| _____ | _____ | _____ | _____ | 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*

| | | | | | | | | | |
|-------|-------|---|-------|----------------------------------|-------|-------|-------|-------|----------------------------------|
| _____ | _____ | 5 | _____ | MATH-210 Calc w Analytics I** | _____ | _____ | 3 | _____ | PHYS-213 Intro to Modern Physics |
| _____ | _____ | 4 | _____ | MATH-211 Calc w Analytics II | _____ | _____ | 3 | _____ | Physics 220 Statics |
| _____ | _____ | 4 | _____ | MATH-212 Calc w Analytics III | _____ | _____ | 3 | _____ | Physics 221 Dynamics |
| _____ | _____ | 4 | _____ | MATH-260 Diff Equations | _____ | _____ | 3 | _____ | Physics Elective (300 level) |
| _____ | _____ | 1 | _____ | PHYS-205 Experimental Physics I | _____ | _____ | 3 | _____ | Physics Elective (300 level) |
| _____ | _____ | 1 | _____ | PHYS-206 Experimental Physics II | _____ | _____ | 3 | _____ | Physics Elective (300 level) |
| _____ | _____ | 4 | _____ | PHYS-211 Physics I | _____ | _____ | 2 | _____ | Physics Elective (200-300 level) |
| _____ | _____ | 4 | _____ | PHYS-212 Physics II | _____ | _____ | _____ | _____ | Comprehensive Exam |

*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 30 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.

