

# BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in CHEMISTRY (Concentration: Chemistry) (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, 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.

**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 \_\_\_\_\_  
 LITR/FRLGLITR \_\_\_\_\_

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)

_____	3	_____	LIFE SCI _____
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### SOCIAL SCIENCES (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

_____	5	_____	MATH-210 Calc w Analytics I*	_____	3	_____	CHEM-247 Org Chem II
_____	4	_____	MATH-211 Calc w Analytics II	_____	1	_____	CHEM-249 Org Chem II Lab
_____	4	_____	MATH-212 Calc w Analytics III	_____	2	_____	CHEM-272 Spec Interpret
_____	3	_____	MATH Elective**	_____	1	_____	CHEM-275 Qual Org Anal
_____	3	_____	PHYS-113 Gen Phys I	_____	3	_____	CHEM-313 Phys Chem I
_____	1	_____	PHYS-114 Gen Phys Lab I	_____	1	_____	CHEM-314 Phys Chem I Lab
_____	3	_____	PHYS-118 Gen Phys II	_____	3	_____	CHEM-315 Phys Chem II
_____	1	_____	PHYS-119 Gen Phys Lab II	_____	1	_____	CHEM-316 Phys Chem II Lab
_____	3	_____	CHEM-113 Gen Chem I	_____	3	_____	CHEM-320 Inorg Chem
_____	1	_____	CHEM-114 Gen Chem I Lab	_____	1	_____	CHEM-321 Inorg Syn Lab
_____	3	_____	CHEM-123 Gen Chem II	_____	1	_____	CHEM-392 Sem Chem Lit
_____	1	_____	CHEM-124 Gen Chem II Lab	_____	2	_____	CHEM-398 Chem Research I
_____	3	_____	CHEM-235 Chem Anal I	_____	2	_____	CHEM-399 Chem Research II
_____	3	_____	CHEM-236 Chem Anal II	_____	3	_____	CHEM Elective***
_____	3	_____	CHEM-242 Org Chem	_____	3	_____	CHEM Elective***
_____	1	_____	CHEM-244 Org Chem I Lab	_____	_____	_____	

All majors must submit at least 48 hours in chemistry [with a grade of "C" or better], of which 40 hours are at the 200 level or above, including 23 hours at the 300 level.

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

\*\* From MATH-260, 300, or 371.

\*\*\* From CHEM-335, 340, 357, 381, or 390.

