

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in CHEMISTRY (Concentration: Chemistry) (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)
_____	_____	_____	_____	Finite Math (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 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)

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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remainder satisfied by Major

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. 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-115 Gen Chem I Lab	_____	_____	1	_____	CHEM-321 Inorg Syn Lab
_____	_____	3	_____	CHEM-123 Gen Chem II	_____	_____	1	_____	CHEM-392 Sem Chem Lit
_____	_____	1	_____	CHEM-125 Gen Chem II Lab	_____	_____	2	_____	CHEM-398 Chem Research I
_____	_____	4	_____	CHEM-235 Chem Anal I	_____	_____	2	_____	CHEM-399 Chem Research II
_____	_____	4	_____	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 50 hours in chemistry [with a grade of "C" or better], of which 42 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, 390, or BCHM 361. In order to earn an ACS certified degree, BCHM 361 must be chosen as one of the electives.

**** Or PHYS 211, 205, 212, and 206.

