

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in BIOCHEMISTRY (2002-2003 Academic Year)

DATE _____

SEMESTER OF ENTRY _____

NAME: _____

PHONE: _____

Home

Work

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 <u>taken at Benedictine</u> 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)

_____	_____	_____	_____	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)

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

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 _____	_____	1	_____	CHEM-272 Spec Interpret
_____	3	_____	BIOL-108 Prin of Bio	_____	3	_____	CHEM-313 Phys Chem I
_____	3	_____	BIOL Elective**	_____	1	_____	CHEM-314 Phys Chem I Lab
_____	3	_____	BIOL Elective**	_____	3	_____	CHEM-315 Phys Chem II
_____	3	_____	PHYS-113 Gen Phys I	_____	1	_____	CHEM-316 Phys Chem II Lab
_____	1	_____	PHYS-114 Gen Phys Lab I	_____	3	_____	CHEM-320 Inorg Chem
_____	3	_____	PHYS-118 Gen Phys II	_____	1	_____	CHEM-321 Inorg Syn Lab
_____	1	_____	PHYS-119 Gen Phys Lab II	_____	3	_____	BCHM-361 Biochemistry
_____	3	_____	CHEM-113 Gen Chem I	_____	1	_____	BCHM-363 Exp Biochem I
_____	1	_____	CHEM-114 Gen Chem I Lab	_____	3	_____	BCHM-365 Interm Metabolism
_____	3	_____	CHEM-123 Gen Chem II	_____	1	_____	BCHM-366 Exp Biochem II
_____	1	_____	CHEM-124 Gen Chem II Lab	_____	1	_____	BCHM-392 Sem Biochem Lit
_____	3	_____	CHEM-235 Chem Anal I	_____	2	_____	BCHM-398 Biochem Research I
_____	3	_____	CHEM-236 Chem Anal II	_____	2	_____	BCHM-399 Biochem Research II
_____	3	_____	CHEM-242 Org Chem	_____	3	_____	BCHM/CHEM Elective***
_____	1	_____	CHEM-244 Org Chem I Lab				

All majors must submit at least 51 hours in chemistry and biochemistry courses [with a grade of "C" or better], of which 43 hours are at the 200 level or above, including 28 hours at the 300 level.

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

** 6 hours of 200+ level biology are required. NOTE: BIOL-250[3] and 340[3] are required for ACS certification.

*** From CHEM- 335, 340, 357, 381, 390, BCHM- 382, 390.

