

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in BIOCHEMISTRY (2003-2004 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. 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)

Satisfied by Major

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	_____	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 Biology	_____	_____	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-115 Gen Chem I Lab	_____	_____	3	_____	BCHM-365 Intern Metabolism
_____	_____	3	_____	CHEM-123 Gen Chem II	_____	_____	1	_____	BCHM-366 Exp Biochem II
_____	_____	1	_____	CHEM-125 Gen Chem II Lab	_____	_____	1	_____	BCHM-392 Sem Biochem Lit
_____	_____	4	_____	CHEM-235 Chem Anal I	_____	_____	2	_____	BCHM-398 Biochem Research I
_____	_____	4	_____	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 53 hours in chemistry and biochemistry courses [with a grade of "C" or better], of which 45 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.

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

