

# BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in MOLECULAR BIOLOGY (2001-2002 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.

### 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)

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	_____	BIOL-108 Prin of Biology
_____	_____	4	_____	MATH-211 Calc w Analytics II	_____	_____	1	_____	BIOL-109 Prin of Bio Lab#
_____	_____	3	_____	CHEM-113 Gen Chem I	_____	_____	4	_____	BIOL-208 Gen Microbiology
_____	_____	1	_____	CHEM-114 Gen Chem I Lab#	_____	_____	3	_____	BIOL-229 Biometry
_____	_____	3	_____	CHEM-123 Gen Chem II	_____	_____	3	_____	BIOL-250 Genetics
_____	_____	1	_____	CHEM-124 Gen Chem II Lab#	_____	_____	1	_____	BIOL-251 Genetics Lab
_____	_____	3	_____	CHEM-242 Org Chem I	_____	_____	3	_____	BIOL-340 Cell Biology
_____	_____	1	_____	CHEM-243 Org Chem I Lab	_____	_____	1	_____	BIOL-341 Cell Bio Lab
_____	_____	3	_____	CHEM-247 Org Chem II	_____	_____	3	_____	BIOL-354 Immunology
_____	_____	1	_____	CHEM-248 Org Chem II Lab	_____	_____	4	_____	BIOL-371 Molecular Biology
_____	_____	3	_____	CHEM-313 Phys Chem I***	_____	_____	3	_____	BIOL-374 or 389
_____	_____	3	_____	PHYS-113 Gen Phys I	_____	_____	3	_____	BCHM-361 Biochemistry
_____	_____	1	_____	PHYS-114 Gen Phys I Lab #	_____	_____	3	_____	BCHM-365 Interm Metabolism
_____	_____	3	_____	PHYS-118 Gen Phys II	_____	_____	_____	_____	
_____	_____	1	_____	PHYS-119 Gen Phys II Lab #	_____	_____	_____	_____	

\*All majors must submit at least 71 hours in major and cognate courses [with a grade of "C" or better], of which 51 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.

\*\*\* or PHYS-323 Biophysics

All majors are required to take the GRE Advanced Test in Biochemistry, Cell and Molecular Biology.

#Lab sequence can be replaced with lab sequence NTSC 151, 152, 153, 154.

