

# BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in MOLECULAR BIOLOGY (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)**

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. 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.

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in  
 MOLECULAR BIOLOGY  
 (2004-2005 Academic Year)  
MINOR/CONCENTRATION/TEACHER CERTIFICATION/ELECTIVES

<u>College</u>	<u>Course #</u>	<u>Cr.</u>	<u>Grade</u>		<u>College</u>	<u>Course #</u>	<u>Cr.</u>	<u>Grade</u>
_____	_____	_____	_____		_____	_____	_____	_____
_____	_____	_____	_____		_____	_____	_____	_____
_____	_____	_____	_____		_____	_____	_____	_____
_____	_____	_____	_____		_____	_____	_____	_____
_____	_____	_____	_____		_____	_____	_____	_____
_____	_____	_____	_____		_____	_____	_____	_____
_____	_____	_____	_____		_____	_____	_____	_____
_____	_____	_____	_____		_____	_____	_____	_____
_____	_____	_____	_____		_____	_____	_____	_____
_____	_____	_____	_____		_____	_____	_____	_____

Concentrations, endorsements, minors, electives are optional, but recommended.

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Highest Level Math Completed [if appropriate]: \_\_\_\_\_

	<u>Transferable Hours</u>	<u>Hours Remaining</u>	<b>The following semester hours will be posted on your transcript:</b>
Basic Skills	_____	_____	_____
Common Core	_____	_____	_____
Core Electives	_____	_____	_____
Major & Cognates	_____	_____	_____
Electives	_____	_____	_____
Other	_____	_____	_____
<b>TOTAL</b>	_____	_____	_____

**Special Notes:**

**Special Notes:**

1. Hours in progress are not included in the totals of this evaluation. Additional hours will be credited upon receipt of credentials.
2. We do not apply grades of "D" toward a major or Basic Skills or toward some other courses as stated in the university catalog.
3. Double credit will not be given for repeated courses.
4. Only courses taken at Benedictine University will be included in the grade point average.
5. This checklist is applicable for the major indicated. If a different major is chosen, the requirements for both the major and core will vary.
- 6a. To be considered for Latin graduation hours, you must complete 55 undergraduate semester hours at Benedictine University.
- 6b. Students who complete 30 to 54 hours with a 3.5 cumulative grade point average at Benedictine University will graduate "with Honors".
7. 55 semester hours at the Baccalaureate level must be completed at a four-year regionally accredited college/university.
8. Courses taken at Benedictine University may be repeated only at Benedictine University.
9. A minimum of 30 semester credit hours must be earned from coursework at Benedictine University.
10. A minimum total of 120 semester credit hours are required for graduation (with a minimum cumulative G.P.A. of 2.0 from Benedictine University) of which 45 semester hours, including twelve 200+ level semester credit hours in the major field, must be from Benedictine University.
11. Equivalent transfer courses, if taken prior to admission, may meet core requirements. Any course taken to fulfill core requirements after admission to Benedictine must be a core elective course (labeled with a "C" in the Catalog or course schedule) or an IAI core course. Written permission is required for current Benedictine students to transfer in courses from other schools. See your advisor.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Transfer Articulation Coordinator

\_\_\_\_\_  
Department Chair  
See the Department Chair for evaluation of major credit.