

**BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in CHEMISTRY
MINOR IN EDUCATION with Secondary Teacher Certification, 6-12
(2008-2009 Academic Year)**

NAME:		DATE:
BU ID #:	ADVISOR:	SEMESTER OF ENTRY:

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.

<p>BASIC SKILLS (12 HOURS) Grade of "C" or better required.</p> <table border="1"> <thead> <tr> <th>College</th> <th>Course #</th> <th>Cr.</th> <th>Grade</th> <th></th> </tr> </thead> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Writing Colloquium (WRIT-S101)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Research Writing (WRIT-S102)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>Basic Speech (SPCH-S110)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>College Algebra (MATH-S110)</td> </tr> </tbody> </table>	College	Course #	Cr.	Grade		_____	_____	_____	_____	Writing Colloquium (WRIT-S101)	_____	_____	_____	_____	Research Writing (WRIT-S102)	_____	_____	_____	_____	Basic Speech (SPCH-S110)	_____	_____	_____	_____	College Algebra (MATH-S110)	<p>COMMON CORE (12 HRS / 6 HRS FOR 20+ TRANSFERS)</p> <table border="1"> <thead> <tr> <th>College</th> <th>Course #</th> <th>Cr.</th> <th>Grade</th> <th></th> </tr> </thead> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>HUMN-____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>HUMN-____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>HUMN-250-WI-required for all American History</td> </tr> </tbody> </table> <p>HUMN-220 - 250 taken at Benedictine comprise the Cultural Heritage Series. Transfers with 20+ hours are exempt from two of 220, 230 or 240.</p>	College	Course #	Cr.	Grade		_____	_____	_____	_____	HUMN-____	_____	_____	_____	_____	HUMN-____	_____	_____	_____	_____	HUMN-250-WI-required for all American History
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<p>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]. Substitutions are not allowed after entry.</p>																
<p>ARTS AND HUMANITIES (12 HOURS)</p> <p>_____ Satisfied by major _____ PHIL _____ _____ _____ _____ _____ RELS _____ _____ _____ _____ _____ FNAR/MUSI _____ _____ _____ _____ _____ LITR _____</p> <p>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. (LITR must be included to satisfy ENG requirement for teacher certification.)</p>	<p>NATURAL SCIENCES (9 HOURS)</p> <p>_____ Satisfied by major _____</p>															
<p>MULTI-CULTURAL/NON-WESTERN CULTURAL REQUIREMENTⓄ Teaching certification candidates must take a multi-cultural/ non-western culture course that may apply to one of the Humanities or Social Science requirements.</p> <p>_____ _____ _____ _____ _____</p>	<p>SOCIAL SCIENCES (9 HOURS)</p> <table border="1"> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>ECON _____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>PLSC 102 American Government</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>EDUC-210/PSYC-241 Educational PsychologyⓄⓂ</td> </tr> </tbody> </table> <p>For transfers with 20+ hours: 3 courses from at least 2 areas of ECON; ANTH; PLSC; PSYC; SOCL.</p>	_____	_____	_____	_____	ECON _____	_____	_____	_____	_____	PLSC 102 American Government	_____	_____	_____	_____	EDUC-210/PSYC-241 Educational PsychologyⓄⓂ
_____	_____	_____	_____	ECON _____												
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MAJORS AND COGNATES❖

College	Course	Cr	Gr	College	Course	Cr	Gr	
		4				4		CHEM-235 Chem Anal I
		1				4		CHEM-236 Chem Anal II
		4				3		CHEM-242 Org Chem
		4				1		CHEM-244 Org Chem I Lab
		3				3		CHEM-247 Org Chem II
		1				1		CHEM-249 Org Chem II Lab
		3				3		CHEM-313 Classical Thermodynamics
		1				1		CHEM-314 Phys Chem I Lab
		3				3		CHEM-315 Quantum and Statistical Mechanics
		3				1		CHEM-316 Phys Chem II Lab
		1				3		CHEM-320 Inorganic Chem
		3				3		NTSC-111 Contemporary Biology
		1				4		PHYS-107 Earth & Space Science
						3		PHIL-290 Philosophy of Science

All major and cognate courses must be completed with a grade of "C" or better.

*MATH-210 may be replaced by taking MATH-170, 171 and MATH-200.

**Substitute PHYS-205, 206, 211, 212 if physics is the second field.

***Or CHEM-114 and CHEM-124 or NTSC-151 and NTSC-152.

Ⓞ Education majors/minors must have a grade of "C" or better in EDUC-210/PSYC-241 and the multicultural requirement course.

Ⓜ The credit for Educational Psychology does not apply toward a middle-grades endorsement in social science.

❖ One Writing Intensive course (indicated by a "WI" in the course schedule) must be completed within the major

Students who do not complete the Education minor/Education departmental requirements will not receive a degree in Chemistry. Additional courses are required.

A cumulative 2.5 GPA is needed for teacher certification: overall, in major, and in professional education courses. [GPA is based on Benedictine University courses only]

