

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in CHEMISTRY MINOR IN EDUCATION with Secondary Teacher Certification, 6-12 Freshman Rules (2011-2012 Academic Year)

Several requirements on this checklist are dictated by the State of Illinois. Changes may occur in certification requirements, therefore requiring different courses than those listed below.

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)

<p>BASIC SKILLS (12 HOURS) Grade of "C" or better required.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">College</th> <th style="text-align: left; border-bottom: 1px solid black;">Course #</th> <th style="text-align: left; border-bottom: 1px solid black;">Cr.</th> <th style="text-align: left; border-bottom: 1px solid black;">Grade</th> </tr> </thead> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </tbody> </table> <p style="font-size: small;">Writing Colloquium (WRIT-S101)* (or HNRS 190: 1st Year Colloquium I) Research Writing (WRIT-S102) (or HNRS 191: 1st Year Colloquium II) Basic Speech (SPCH-S110) (or HNRS-191) College Algebra (MATH-S110)</p> <p>*Freshmen with AP credit for WRIT-S101 must take WRIT-S104, Person in Community: One-Hour seminar</p>	College	Course #	Cr.	Grade	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	<p>COMMON CORE (12 HOURS)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">College</th> <th style="text-align: left; border-bottom: 1px solid black;">Course #</th> <th style="text-align: left; border-bottom: 1px solid black;">Cr.</th> <th style="text-align: left; border-bottom: 1px solid black;">Grade</th> </tr> </thead> <tbody> <tr> <td>BU _____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>BU _____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>BU _____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </tbody> </table> <p style="font-size: small;">HUMN-220, 230 or 240 (or HNRS-220) HUMN-220, 230 or 240 (or HNRS-230) HUMN-250-W1 (or HNRS-393 Global Interdependence) American History HUMN-220, 230, 240, 250 taken at Benedictine comprise the Cultural Heritage Series.</p>	College	Course #	Cr.	Grade	BU _____	_____	_____	_____	BU _____	_____	_____	_____	BU _____	_____	_____	_____	_____	_____	_____	_____
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CORE ELECTIVES																																									
<p>Core Electives must be chosen from classes labeled with a "C" designation in the Catalog and Course Schedule. Due to certification requirements, all core electives must be completed with a grade of "C" or higher. A list can also be found at: http://www.ben.edu/core/electives.asp. * Students accepted to the scholars program must take specific courses to satisfy these categories.</p>																																									
<p>ARTS AND HUMANITIES (12 HOURS)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">Satisfied by major</td> <td style="border-bottom: 1px solid black;">PHIL * _____</td> </tr> <tr> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">RELS/THEO _____</td> </tr> <tr> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">FNAR/MUSI * _____</td> </tr> <tr> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">LITR _____</td> </tr> </table>	_____	Satisfied by major	PHIL * _____	_____	_____	RELS/THEO _____	_____	_____	FNAR/MUSI * _____	_____	_____	LITR _____	<p>NATURAL SCIENCES (9 HOURS)</p> <p>Satisfied by major _____</p>																												
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<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 style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> </tr> </table> <p style="font-size: small;">ECON* _____ PLSC 102 American Government EDUC-210/PSYC-241 Educational Psychology[Ⓛ] [Ⓜ]</p>	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____																												
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MAJORS AND COGNATES❖

College	Course	Cr	Gr		College	Course	Cr	Gr	
		4		MATH-210 Calc w/ Analytics I*			4		CHEM-235 Chem Anal I
		1		MATH-207 Calc W/ Analytics I Lab			4		CHEM-236 Chem Anal II
		4		MATH-211 Calc w/ Analytics II			3		CHEM-242 Org Chem
		4		MATH-212 Calc w/ Analytics III			1		CHEM-244 Org Chem I Lab
		3		PHYS-113 Gen Physics I**			3		CHEM-247 Org Chem II
		1		PHYS-114 Gen Phys Lab I**			1		CHEM-249 Org Chem II Lab
		3		PHYS-118 Gen Physics II**			3		CHEM-313 Classical Thermodynamics
		1		PHYS-119 Gen Physics Lab II**			1		CHEM-314 Phys Chem I Lab
		3		BCHM 261 Principles of Biochemistry			3		CHEM-315 Quantum and Statistical Mechanics
		3		CHEM-113 Gen Chem I			1		CHEM-316 Phys Chem II Lab
		1		CHEM-115 Gen Chem I Lab***			3		CHEM-320 Inorganic Chem
		3		CHEM-123 Gen Chem II			3		NTSC-111 Contemporary Biology
		1		CHEM-125 Gen Chem II Lab***			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

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

Ⓛ 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 "W" in the course schedule) must be completed within the major

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]

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MINOR IN EDUCATION with Secondary Teacher Certification, 6-12
Freshman Rules
(2011-2012 Academic Year)**

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MINOR/TEACHER CERTIFICATION REQUIREMENTS					ELECTIVES				
College	Course	Cr	Gr		College	Course	Cr	Gr	
		1		EDUC-200 Preclinical Exp					
		3		EDUC-205 Hist & Phil of Educ *					
		3		EDUC-215 Technology for Teachers					
		3		EDUC-260 Survey of Except Child					
		3		EDUC-310 Measurement & Eval					
		3		EDUC-353 Meth/Prin MidSch					
		0		EDUC-354 Preclinical Exp MidSch					
		3		EDUC-331 Method Teach Chem Sci					
		0		EDUC-350 Preclinical Exp					
		12		EDUC-371 Student Teach Sec					
		2		PHED-257 Wellness					
		0		EDUC-206 Transfer Introduction to Education Seminar (TIES) is required for students who have been awarded transfer credit for EDUC 205, History and Philosophy of Education.*					