BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in CHEMISTRY MINOR IN EDUCATION with Secondary Teacher Licensure, 6-12

(2013-2014 Academic Year)

Several requirements on this checklist are mandated by the Illinois State Board of Education. Changes may occur in licensure requirements, therefore requiring different courses than those listed below. A grade of "C" or better is required in all coursework necessary for licensure.

NAME:		DATE:					
BU ID #:	ADVISOR:	SEMESTER OF ENTRY:					
GRADUATION REQUIREMENT: 3 of which 45 semester hours, including twelve			G.P.A. of 2.0 from Benedictine University courses tine University.				
BASIC SKILLS (12 HOURS) Grade College Course # Cr. Grade	de of "C" or better required. (Writing Colloquium (WRIT-S101) (Research Writing (WRIT-S102) (Basic Speech (SPCH-S110) College Algebra (MATH-S110)	COMMON CORE (12 H College Course # Cr. HUMN-220 - 250 taken at Benedic Transfers with 20+ hours are exen	Grade HUMN- HUMN- HUMN- HUMN-250-WI-required for all American History ctine comprise the Cultural Heritage Series.				
appropriate co	CORE EL ectives is done at the point of transfer according to ore elective courses [labeled 'C' in the Catalog an equired for licensure and therefore must	o transfer guidelines. Transfer students m d Course Schedule]. Substitutions are no					
ARTS AND HUMANITIES (12 HOUR Satisfied by major ———————————————————————————————————	¶PHIL	NATURAL SCIENCES (9 HOURS) Satisfied by major					
For transfers with 20+ hours: 4 courses with a FNAR/MUSI, and one in PHIL/RELS/LITR/FR be chosen from COMM; FNAR; FRLG; HIST; must be included to satisfy ENG requirement to	LGLITR. The remaining two courses are to LITR; MUSI; PHIL; RELS; THEO. (LITR	SOCIAL SCIENCES (9 HOURS) ———————————————————————————————————					
MULTI-CULTURAL/NON-WESTERN C Teaching licensure candidates must take a may apply (if the course has a "C" designation Science requirements.	ulti-cultural/ non-western culture course that						

MAJORS AND COGNATES

College	Course	Cr	Gr		College	Course	Cr	Gr	
		1		MATH-207 Calc W/ Analytics I Lab			3		CHEM-232 Analytical Chem II
		4		MATH-210 Calc w/ Analytics I*			1		CHEM-238 Analytical Chem II Lab
		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 General Physics I**			3		CHEM-247 Org Chem II
		1		PHYS-114 General Phys Lab I**			1		CHEM-249 Org Chem II Lab
		3		PHYS-118 General Physics II**			3		CHEM-313 Classical Thermodynamics
		1		PHYS-119 General Physics Lab II**			1		CHEM-314 Physical Chem I Lab
		3		BCHM 261 Principles of Biochemistry			3		CHEM-315 Quantum and Statistical Mechanics
		3		CHEM-113 General Chem I			1		CHEM-316 Physical Chem II Lab
		1		CHEM-115 General Chem I Lab***			3		CHEM-320 Inorganic Chem
		3		CHEM-123 General Chem II			3		NTSC-111 Contemporary Biology
		1		CHEM-125 General Chem II Lab***			4		PHYS-107 Earth & Space Science
		3		CHEM-231 Analytical Chem I			3		PHIL-290 Philosophy of Science
		1		CHEM-237 Analytical Chem I Lab					

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

For transfer courses, grades of "C-"(C minus) are considered to be below "C"

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

A cumulative GPA of a 2.75 and a 3.0 GPA in the major are required for Teacher Education Programs. [GPA is based on Benedictine University courses only]

Changes in state licensure requirements must be met at the time they go into effect. This could change program requirements and/or the checklist. See your academic advisor with questions regarding this.

^{*}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 all courses that apply to licensure.

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

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			ı	isted below. A g	rade of "C" or better is requ	ired in all cour	sework necessar	y for lic	ensure	<u>}.</u>	
	MINOR/TE	ACHER	LICEN	ISURE REQUI	REMENTS	ELECTIVES					
College	Course	Cr	Gr			College	Course	Cr	Gr		
		1		EDUC-200 F	reclinical Exp						
		3		EDUC-205 H	list & Phil of Educ *						
		3		EDUC-215 Technology for Teachers							
		3			Survey of Except Child						
		3			leasurement & Eval						
		3			Meth/Prin MidSch						
		0			Preclinical Exp MidSch						
		3			Method Teach Chem Sci						
		0			reclinical Exp				ــــــ		
		12			Student Teach Sec						
		2		PHED-257 V							
		0	l		ntroduction to Education S						
All education I Notes:	censure exa	ams are	valid f	for 5 years fro	m the date of successful p	assage.					
Highest Leve	Math Com	pleted [i	if appı	ropriate]:						<u> </u>	
TOTALS:	Hours complet		lours temair	nina	The following semester ho	urs will be pos	sted on your trans	cript.			
Basic Skills	Complet		Coman	iii ig	The renewing competer he	are will be pec	noa on your name	onpt.			
Common Cor	е										
Arts &											
Humanities Natural											
Sciences											
Social Science	es										
Major		*		*							
Electives		*		*							
TOTAL				*							
* Please speal	k with your c	departme	ental a	advisor regardi	ng further evaluation of m	ajor credits a	nd remaining ma	ajor rec	quirem	ients.	
☑ A minimum to ☑ 55 semester t ☐ 45 semester c ☐ 45 semester c ☐ 46 least 30 of ☐ At least the last Special Notes: 3. Hours in progre 2. Grades of "D" v 3. Double credit w 4. Only courses ts 5. This checklist is 6a. To be consider 6b. Students who 7. Courses taken 8. Equivalent tran (labeled with a "C	tal of 120 sem tal of 120 sem tours at the Ba 200+ level st 200+ level s	nester crea accalaurea emester c uust be con emester c ours of you uded in the ed towards in for repeat ctine Univer the major duation hou o 54 hours University taken prio g or course	dit hou ate leveredit he mpletectredit her unde extotals is major ed cou ersity with a country with a country to admit a sched	rs are required feel must be compours in the majo dat Benedictine tours must be congraduate degree of this evaluation or Basic Skills rerses. Ill be included in the dealth of a different redents must complete the must complete in the compount of the com	empleted at Benedictine Universe must be completed without. Additional hours will be credite equirements or toward some other and point average. Major is chosen, the requirement ete 55 undergraduate semester hade point average at Benedictine the Benedictine University. Set core requirements. Any course course. Written permission is	a cumulative G.I accredited colle e University. rsity. interruption at E d upon receipt of the courses as states for both the macure (not including a University will a required for curr	P.A. of 2.0 from Beage/university. Genedictine University. Genedictine University. Genedictine University. Genedictine University. Genedictine university. Genedictine studies of the second sec	catalog. y. enedictirs".	degree	e seeking student.	
Date				luation and Ar	ticulation	Department	Chair				
STUDENT:	Please re	ead an	d sig	gn below:	and the form of the second	-1100 -00 -0				to make a constitution of the	
					ecklist. I understand this iversity Undergraduate Ca			oses a	and it	is my responsibility to follow	

Academic Advisor

Date 8/1/13 Student