

College of Education, Health, and Human Sciences

Degree Requirements for Bachelor of Science in Education (minimum of 120 credit hours, must maintain 2.75 GPA)

Student Name:	NU ID:
Major: Secondary Education (SEDBSED)	Entered CEHHS:Accept EPP
Endorsement: Chemistry 7-12 (END1307S)	Praxis II

GENERAL EDUCATION			ENDORSEMENTS				
Fundamental Academic Skills (12 hours)				Chemistry (51 hours)	Credit	Grade	Term
Minimum of "C-" required	Credit	Grade	Term	CHEM 1180 General Chemistry I	3		
ENGL 1150 Composition I	3			CHEM 1184 General Chemistry I Lab	1		
ENGL 1160 Composition II	3			CHEM 1190 General Chemistry II	3		
CMST 1110 Public Speaking OR				CHEM 1194 General Chemistry II Lab	1		
CMST 2120 Argumentation & Debate	3		•	CHEM 2210 Fund Organic Chemistry*	4		
MATH 1120 Mathematical Computational,				CHEM 2214 Fund Organic Chem Lab*	1		
MATH 1130 Quantitative Literacy,				CHEM 2400 Quantitative Analysis	3		
MATH 1300 College Algebra w/ Support (4),				CHEM 2404 Quantitative Analysis Lab	1		
STAT 1530 Elementary Stats, or				CHEM 2500 Intro Inorganic Chemistry (SP)	3		
STAT 1100 Data Literacy	3/4			CHEM 3350 Physical Chemistry I (F) *	3		
Distribution Requirements (25 hours)	-/-			CHEM 3354 Physical Chemistry I Lab	1		
Natural Science (7 hours from 2 disciplines and at least one lab)				CHEM 3650 Fund of Biochemistry*	3		
CHEM 1180 & 1184	-	-	-	CHEM 3654 Fund of Biochemistry Lab*	1		
GEOL 1170	-	-	-	BIOL 1450 Biology 1	5		
				GEOL 1170 Intro to Physical Geology	4		
Social Science (9 hours from 2 disciplines)		PHYS 2120 General Physics Calc Level II	4				
				PHYS 1164 General Physics Lab II	1		
				MATH 1950 Calculus I	5		
				MATH 1960 Calculus II	4		
Humanities/Fine Arts (9 hours from 2 discipline	es)		•				
				For students pursuing a double major wit	h College	of	
iversity (6 hours)			Arts & Sciences.				
Diversity - Global **				Chemistry Dual Majors Courses			
Diversity - US**				*CHEM 2250 Organic Chemistry I	3		
Pre-Professional Education Core (2.0 cumulative GPA required)				CHEM 2260 Organic Chemistry II	3		
TED 2100 Educational Foundations	3			CHEM 2274 Organic Chemistry Lab	2		
TED 2200 Human Relations	3						
EDUCATOR PREPARATION PROGRAM (EPP) REQUIREMENTS			**CHEM 3360 Physical Chemistry II (SP)	3	Required		
Acceptance into Educator Preparation Program 2.50 cumulative GPA			CHEM 3364 Physical Chemistry II Lab	1			
required/REQUIRES PERMIT				, ,			
Beginning/Intermediate Practicums - 1st Semest	er (EPP)			***CHEM 4610 Biochemistry of Metabolism	4	Sub	
TED 2380 Development in Adolescence	3			OR			
TED 2400 Planning for Effective Teaching	6		1	***CHEM 4650 Biochemistry I	3	Sub	
Advanced Practicum Block-2.75 cumulative GP	A			CHEM 4654 Biochemistry I Lab	1		
TED 3550 Art & Science of Teaching: Secondary	3			,			
TED 3690 Literacy and Learning	3						
, 0			1	Pre-regs into CHEM 3350: can take			
				these three in place of CHEM 2210/	1		
SPED 3800 Differentiation and Inclusive Prac.	3			2214	1		
Final Practicum Block (fall only)				CHEM 2250	3		
TED 4000 Special Methods: Science	3			CHEM 2260	3		
Clinical Practice – Final Semester				CHFM 2274	2		
***************************************	count for	a Humanitie	s/Fine Art	or Social Science, see advisor. d in Pre-Professional Education Core, Educator Pr			

Grade of "C-" or better required in General Education Courses, "C" or better is required in Pre-Professional Education Core, Educator Preparation Requirements,

Concentration Courses and Endorsement Courses.

<u>Bolded and underlined</u> quantitative literacy courses are recommended for this major/ program due to pre-requisites. If no course is indicated, you may use any of the courses listed towards quantitative literacy.