



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

Entered CEHHS: _____ Accept EPP _____

Endorsement: Chemistry 7-12

Praxis I: _____ Praxis II _____

GENERAL EDUCATION				ENDORSEMENTS			
Fundamental Academic Skills (12 hours) Minimum of "C-" required	Credit	Grade	Term	Chemistry (52 hours)	Credit	Grade	Term
ENGL 1150 Composition I	3			CHEM 1180 General Chemistry I	3		
ENGL 1160 Composition II	3			CHEM 1184 General Chemistry I Lab	1		
CMST 1110 Public Speaking OR CMST 2120 Argumentation & Debate	3			CHEM 1190 General Chemistry II	3		
MATH 1120 Mathematical Computational, MATH 1130 Quantitative Literacy, MATH 1220 College Algebra , MATH 1530 Probability & Statistics, or STAT 1100 Data Literacy	3			CHEM 1194 General Chemistry II Lab	1		
				CHEM 2210 Fund Organic Chemistry*	4	SEE	NOTES
				CHEM 2214 Fund Organic Chem Lab*	1	SEE	NOTES
				CHEM 2400 Quantitative Analysis (F)	3		
				CHEM 2404 Quantitative Analysis Lab	1		
				CHEM 2500 Intro Inorganic Chemistry	3		
				CHEM 3350 Physical Chemistry I (F) **	3	SEE	NOTES
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 3654 Fund of Biochemistry Lab***	1		
				GEOL 1170 Intro to Physical Geology	4		
Social Science (9 hours from 2 disciplines)				PHYS 2110 General Physics Calc. Level I	4		
				PHYS 1154 General Physics Lab I	1		
				PHYS 2120 General Physics Calc Level II	4		
				PHYS 1164 General Physics Lab II	1		
Humanities/Fine Arts (9 hours from 2 disciplines)				MATH 1950 Calculus I	5		
				MATH 1960 Calculus II	5		
Diversity (6 hours)				For students pursuing a double major with College of Arts & Sciences.			
Diversity - Global **				Chemistry Dual Majors Courses			
Diversity - US**				*CHEM 2250 Organic Chemistry I	3		
Pre-Professional Education Core (2.5 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 required/REQUIRES PERMIT				CHEM 3364 Physical Chemistry II Lab	1		
Beginning/Intermediate Practicums - 1st Semester (EPP)				***CHEM 4610 Biochemistry of Metabolism	4	Sub	
TED 2380 Development in Adolescence	3			OR			
TED 2400 Planning for Effective Teaching	6			***CHEM 4650 Biochemistry I	3	Sub	
Advanced Practicum Block-2.75 cumulative GPA/Praxis I- Core required				CHEM 4654 Biochemistry I Lab	1		
TED 3550 Art & Science of Teaching: Secondary	3						
TED 3690 Literacy and Learning	3						
SPED 3800 Differentiation and Inclusive Prac.	3			Pre-reqs into CHEM 3350: can take these three in place of CHEM 2210/2214			
Final Practicum Block (fall only)				CHEM 2250	3		
TED 4000 Special Methods: Science	3			CHEM 2260	3		
Clinical Practice – Final Semester				CHEM 2274	2		
TED 4600 Clinical Practice	12						

**May also count for a Humanities/Fine Arts or Social Science, see advisor.

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.

Bolded and underlined 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.

The University of Nebraska at Omaha is an equal opportunity educator and employer with a comprehensive plan for diversity.