Enhancing Excellence in Teaching

University of Nebraska at Kearney Program of Study

Must accompany Application for Funds

Classes must **BEGIN** between July 1, 2024 and June 30, 2025 to be eligible for funds

MSE STEM Education (36 hrs) Anticipated Graduation Date (Mo-Yr): _____

Name _____
Last, First MI

Course Number	Course Title	Credit Hours	I am requesting 2024-25 funds for these classes . Check all that apply.		If Summer 2024, provide Course Start Date
Professional Components				**24-25 Semester class will be taken**	**Comments:**
TE 809P	Curriculum Implementation	3	☐		
			☐		
			☐		
Research Course & Pedagogy Required Courses:					
TE 800	Educational Research	3	☐		
TE 804 Or TE 886P	Curriculum Development in Multicultural Education, or Technology Tools for Teachers	3	☐		
Capstone Component Required Course (3 hrs)					
STEM 888	STEM Education Capstone	3	☐		
Integrated Option (24hrs) Select one of the Degree Options Below:					
Major Emphasis Select 12 credit hours in an area endorsement– Biology, Chemistry, Math, Physics or Physical Science					
		3	☐		
		3	☐		
		3	☐		
		3	☐		
Supporting Courses Select a minimum of 6 credit hours in Biology, Chemistry, Earth Science, Mathematics, Physics, or Physical Science outside the major emphasis					
		3	☐		
		3	☐		
Electives Select 6 credit hours approved by the advisor					
		3	☐		
		3	☐		

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Course Number	Course Title	Credit Hours	I am requesting 2024-25 funds for these classes. Check all that apply.		If Summer 2024 provide Course Start Date
Chemistry Option (23-25 hrs) **Chemistry Core**					
CHEM 805	Chemical Management & Safety	1	☐		
Complete 4 out of the following 5 areas: **Inorganic Chemistry Area - Take 3 hours from**					
CHEM 820	Principles of Inorganic Chemistry	3	☐		
CHEM 822	Transition Metal Chemistry	2	☐		
CHEM 823	Fundamentals of Nanoscience	1	☐		
Organic Chemistry Area- Take 3 hours from					
CHEM 840	Advanced Principles of Organic Chemistry	3	☐		
Biochemistry Area- Take 3 hours from					
CHEM 855	Principles of Biochemistry	3	☐		
Analytical Chemistry Area- Take 3 hours from					
CHEM 864	Principles of Analytical Chemistry	2	☐		
CHEM 866	Analytical Instrumentation	1	☐		
Physical Chemistry Area- Take 2 hours from					
CHEM 883	Chemical Kinetics	2	☐		
Chemistry Electives: Take any 5-6 hrs of additional 800-level CHEM courses					
			☐		
			☐		
Supporting Courses: Select 6 credit hours of additional 800-level credit hours from the following departments: BIOL, CHEM, MATH, PHYS					
			☐		
			☐		

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