

MATHEMATICS 6-12 TEACHING FIELD ENDORSEMENT, BACHELOR OF SCIENCE IN EDUCATION

Offered by Department of Mathematics and Statistics (<http://catalog.unk.edu/undergraduate/departments-programs/mathematics-statistics/>)

Code	Title	Credit Hours
General Studies		
<i>Foundational Requirements (LOPERs 1-4)</i>		14
Including:		
LOPER 2: Writing Skills		
ENG 101	Introduction of Academic Writing	
LOPER 3: Oral Communication Skills		
SPCH 100	Fundamentals of Speech Communication	
LOPER 4: Mathematics, Statistics, and Quantitative Research		
MATH 115	Calculus I with Analytic Geometry ¹	
<i>Broad Knowledge Requirements (LOPERs 5-8)</i>		11
Including:		
LOPER 7: Social Science		
PSCI 110	Introduction to American Politics	
LOPER 8: Natural Science		
PHYS 275 & 275L	General Physics I (Calculus) and General Physics I (Calculus) Laboratory	
<i>Dispositional Requirements: (LOPERs 9-10)</i> ²		6
Including:		
LOPER 9: Civic Competency and Engagement		
PSCI 110	Introduction to American Politics	
LOPER 10: Respect for Human Diversity		
TE 100	Teaching in a Democratic Society	
<i>Wellness (LOPER 11) Optional</i>		0
Program Specific Requirements		3
ENG 102	Special Topics in Academic Writing and Research	
Professional Sequence		
Complete all required courses ³		25
Including:		
TE 319	Management and Assessment in K-12/ Secondary Classrooms	
TE 320	Field Experience in Secondary Classroom	
Endorsement		
Complete all required courses		58
Unrestricted Electives		
Needed to reach 120 credit hour minimum		3
Total Credit Hours		120

Must be completed with no grade below a "C".

Endorsement

Code	Title	Credit Hours
Math Field Endorsement Requirements		
CSP 417	Counseling Skills	3
MATH 202	Calculus II with Analytic Geometry	5
MATH 250	Foundations of Math	3
MATH 251	Inquiry and Proof in 9-12 Mathematics	1
MATH 260	Calculus III	5
MATH 270	Methods in Middle and High School Mathematics Teaching I	2
MATH 271	Field Experience in Middle and High School Mathematics I	1
MATH 310	College Geometry	3
MATH 350	Abstract Algebra	3
MATH 365	Complex Analysis	3
MATH 400	History of Mathematics	3
MATH 404	Theory of Numbers	3
MATH 413	Discrete Mathematics	3
MATH 430	Middle School Mathematics	3
MATH 440	Linear Algebra	3
MATH 460	Advanced Calculus I	3
MATH 465	Advanced Study in 9-12 Mathematics	2
MATH 470	Methods in Middle and High School Mathematics Teaching II	2
MATH 471	Field Experience in Middle and High School Mathematics II	1
STAT 241	Elementary Statistics	3
STAT 441	Probability and Statistics	3
Total Credit Hours		58

¹ Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:

- MATH 102
- MATH 103

² Designated courses with the appropriate content may be approved to satisfy one of the Broad Knowledge requirements plus LOPER 9 or Broad Knowledge plus LOPER 10. Courses may be approved to satisfy LOPER 9 or LOPER 10 alone. (Courses satisfying LOPER 9 or LOPER 10 alone must be 3 credit hours.) Students applying this option will need to take additional hours in other categories to meet the required GS hours.

³ Students must apply for admission to all Teacher Education programs (<http://catalog.unk.edu/undergraduate/departments-programs/teacher-education/professional-sequence-education-degrees/>).