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/)

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
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General Studies

Foundational Requirements (LOPERs 1-4) 14
Including:
- LOPER 2: Writing Skills
  - ENG 101 Introduction to 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

Broad Knowledge Requirements (LOPERs 5-8) 11
Including:
- LOPER 7: Social Science
  - PSCI 110 Introduction to American Politics
- LOPER 8: Natural Science
  - PHYS 275 General Physics I (Calculus) and General Physics I (Calculus) Laboratory

Dispositional Requirements: (LOPERs 9-10) 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

Wellness (LOPER 11) Optional 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

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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 280 Linear Algebra 3
- 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 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/).