# Mathematics, Bachelor of Science

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td></td>
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</tbody>
</table>

## General Studies

**Foundational Core (Written, Math, Oral, Democracy)**
- Foundational Core courses (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses)
  - Including: MATH 115 Calculus I with Analytic Geometry 1

**Portal**
- Select one course numbered 188 (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/portal-course)

**Distribution**
- ENG 101 Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

### Aesthetics (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/aesthetics)
- 3

### Humanities (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/humanities)
- 6

### Social Sciences (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/social-sciences)
- 6

### Natural Sciences (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/natural-sciences)
- 7

### Analytical and Quantitative Thought (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/analytical-quantitative-thought)
- 0

### Wellness (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/wellness)
- 0

Needed to reach 27 credit hour minimum in Distribution 2

## Capstone
- Select one course numbered 388 (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/capstone-course)
- 3

## BS Science-related course requirements
- Complete all required courses 0

## Major Option
- Complete all required courses 34

## Minor or 2nd Major
- Complete all required courses 2 24

## Unrestricted electives
- Needed to reach 120 credit hour minimum
  - 15
- Total Credit Hours
  - 120

**Math Core Requirements**
- MATH 202 Calculus II with Analytic Geometry 5
- MATH 250 Foundations of Math 3
- MATH 260 Calculus III 5
- MATH 305 Differential Equations 3
- MATH 350 Abstract Algebra 3
- MATH 365 Complex Analysis 3
- MATH 440 Linear Algebra 3
- MATH 460 Advanced Calculus I 3

**Electives**
- Select 6 credit hours of the following:
  - MATH 300-MATH 499 3
  - STAT 300-STAT 499

Total Credit Hours 34

1 Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
- MATH 102
- MATH 103

2 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

3 Except MATH 330, MATH 440 or MATH 470.

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