MATHEMATICS, BACHELOR OF ARTS

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

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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**General Studies**

**Foundational Core (Written, Math, Oral, Democracy)**

Foundational Core courses (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses) 14

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) 3

**Distribution**

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 5

**Capstone**

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

**BA Language requirement**

Complete all required courses 2 6

**Major Option**

Complete all required courses 34

**Minor or 2nd Major**

Complete all required courses 3 24

**Unrestricted electives**

Needed to reach 120 credit hour minimum 9

Total Credit Hours 120

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

**Major Option**

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**Math Core Requirements**

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<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>MATH 202</td>
<td>Calculus II with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 250</td>
<td>Foundations of Math</td>
<td>3</td>
</tr>
<tr>
<td>MATH 260</td>
<td>Calculus III</td>
<td>5</td>
</tr>
<tr>
<td>MATH 305</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MATH 350</td>
<td>Abstract Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 440</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 460</td>
<td>Advanced Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>STAT 441</td>
<td>Probability and Statistics</td>
<td>3</td>
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**Electives**

Select 6 credit hours of the following:

- MATH 300-MATH 499 6
- 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 For specific language requirements see #2 of Bachelor of Arts Degree requirements (http://catalog.unk.edu/undergraduate/academics/degrees/ba).

3 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.

4 Except MATH 330, MATH 440 or MATH 470.