

# MATHEMATICS, BACHELOR OF ARTS

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

Code	Title	Credit Hours
<b>General Studies</b>		
<i>Foundational Core (Written, Math, Oral, Democracy)</i>		
Foundational Core courses ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses</a> )		14
Including:		
MATH 115	Calculus I with Analytic Geometry <sup>1</sup>	
<i>Portal</i>		
Select one course numbered 188 ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/portal-course">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/portal-course</a> )		3
<i>Distribution</i>		
ENG 101	Introduction of Academic Writing	3
<i>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.</i>		
Aesthetics ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/aesthetics">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/aesthetics</a> )		3
Humanities ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/humanities">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/humanities</a> )		6
Social Sciences ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/social-sciences">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/social-sciences</a> )		6
Natural Sciences ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/natural-sciences">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/natural-sciences</a> )		7
Analytical and Quantitative Thought ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/analytical-quantitative-thought">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/analytical-quantitative-thought</a> )		0
Wellness ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/wellness">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/wellness</a> )		0
Needed to reach 27 credit hour minimum in Distribution		2
<i>Capstone</i>		
Select one course numbered 388 ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/capstone-course">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/capstone-course</a> )		3
<b>BA Language requirement</b>		
Complete all required courses <sup>2</sup>		6
<b>Major Option</b>		
Complete all required courses		34
<b>Minor or 2nd Major</b>		
Complete all required courses <sup>3</sup>		24
<b>Unrestricted electives</b>		
Needed to reach 120 credit hour minimum		9
Total Credit Hours		120

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

## Major Option

Code	Title	Credit Hours
<b>Math Core Requirements</b>		
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 440	Linear Algebra	3
MATH 460	Advanced Calculus I	3
STAT 441	Probability and Statistics	3
<b>Electives</b>		
Select 6 credit hours of the following:		6
MATH 300-MATH 499 <sup>4</sup>		
STAT 300-STAT 499		
Total Credit Hours		34

- <sup>1</sup> Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
  - MATH 102
  - MATH 103
- <sup>2</sup> For specific language requirements see #2 of Bachelor of Arts Degree requirements (<http://catalog.unk.edu/undergraduate/academics/degrees/ba>).
- <sup>3</sup> 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.
- <sup>4</sup> Except MATH 330, MATH 440 or MATH 470.