BS | BACHELOR OF SCIENCE
Mathematics

“THE PEOPLE OF UAS HAVE CHANGED ME AND SHOWN ME WHAT IT MEANS TO BE PART OF A COMMUNITY... THE LEARNING CENTER IS A SAFE HAVEN FOR PHILOSOPHICAL AND MATHEMATICAL DISCUSSION.”
—NIKI JACOBS, BS MATHEMATICS

Open the door to a wide range of possibilities
The UAS Bachelor of Science in Mathematics program is led by dedicated and enthusiastic faculty who thrive on high quality teaching and emphasize student-centered and collaborative learning. The analytical and problem solving skills acquired in the program prepare students for a wide range of careers and further education.

Exceptional Opportunities
Students have access to hands-on training and experience in tutoring through the UAS Learning Center and research through the Mathematics Capstone Project. Students work closely with faculty to explore their interests in mathematics and other disciplines and are encouraged to share their knowledge on the local and national level through presentations and publications.

Personalized Learning
A small student to faculty ratio ensures supportive classes and a personalized approach to learning. Faculty advisors and capstone mentors create a dynamic and collaborative learning environment.

Potential Careers
Graduates may enter careers or pursue further study in areas including teaching, law, medicine, environmental consulting, engineering, software development, and the natural sciences.

www.uas.alaska.edu

POTENTIAL CAREERS
Actuary
Computer Engineer or Programmer
Systems Analyst
Cost Estimator
Teacher or University Professor
Cryptographer
Financial Analyst
Research Analyst
Mathematical Technician
Mathematician
Meteorologist
Natural Sciences Manager
Operations Research Analyst
Statistician

120 CREDITS
4 YEARS
ON CAMPUS

RESEARCH
INTERDISCIPLINARY

UNIVERSITY of ALASKA SOUTHEAST
SCHOOL OF ARTS & SCIENCES
**SAMPLE DEGREE PLAN | 4 years, 120 credits**

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<th>16 credits</th>
<th>Fall 2</th>
<th>14 credits</th>
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<td>MATH 151 College Algebra for Calculus</td>
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<td>MATH 251 Calculus I</td>
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<td>STAT 273 Elementary Statistics</td>
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<td>PHYS 103 or 211 College or General Physics I</td>
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<td>MATH 252 Calculus II</td>
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<td>Composition 211 or Technical Writing 212</td>
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<td>MATH 265 Introduction to Proofs</td>
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<td>MATH 314 Linear Algebra</td>
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<td>MATH 311 Modern Algebra</td>
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<td>MATH 492 Senior Seminar</td>
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**DEGREE REQUIREMENTS: uas.alaska.edu/academics/alpha.html**

Candidates must complete 35 credits of general education requirements (GERs) as well as program requirements. This is a suggested course sequence and does not take the place of program requirements listed in the UAS Academic Catalog. Students must work with an academic advisor to plan their course sequence.

**SAMPLE COURSES**
- Advanced Calculus
- Calculus 1-3
- Complex Variables
- Differential Equations
- Elementary Statistics
- Geometry
- History of Mathematics and Science
- Introduction to Proofs
- Linear Algebra
- Mathematical Modeling
- Modern Algebra
- Probability and Statistics
- Regression and Analysis of Variance
- Statistical Computing

**Apply Now!**

uas.alaska.edu/apply

Program Application Deadlines:
- Fall Semester: August 1
- Spring Semester: December 15
- Summer Semester: May 1

Scholarship Deadline:
- February 15