## BA/BS MAJOR IN MATHEMATICS

## Requirements for a Bachelor of Arts or Bachelor of Science Degree with a Major in Mathematics

Additional Graduation Requirements (https://catalog.una.edu/ undergraduate/academic-procedures-requirements/graduationrequirements/)


| MA 438 | Introduction to Abstract Algebra II |
| :--- | :--- |
| MA 445W | Applied Statistics II |
| MA 447 | Mathematical Statistics I |
| MA 448 | Mathematical Statistics II |
| MA 452 | Advanced Calculus |
| MA 455 | Complex Variables |
| MA 461 | Numerical Analysis |
| MA 475W | Introduction to Operations Research |
| MA 491 | Special Topics |
| Prescribed Supporting Courses: |  |
| CS 155 | Computer Science I |
| Minor |  |
| Minor, second major, second degree, or the education/certification <br> block as determined by the College of Education and Human <br> Sciences is required |  |

## General Electives

General elective hours to bring total to 120
Total Hours
${ }^{1}$ For BA degree, select six hours of a required foreign language at the introductory level
2 These courses are required if not completed as part of the General Education component. Mathematics majors pursuing secondary certification must elect College Geometry (MA 421)
${ }^{3}$ Mathematic majors pursuing secondary certification must also take Methods and Materials for Teaching Secondary Mathematics (MA 425)

