# B.S. in Mathematics Education, 2020-2021

| | Course | Title | Cr. | Sched. | Prerequisites |
|---|---|---|---|---|---|
| Required GE | Quantitative Lit. | MATH 1210 - Calculus I* | 4 | F/S/Su | MATH 1050 & 1060 or ACT 26+ |
| Other GE Courses are required to graduate with a Bachelor's Degree from SUU.** The above-listed courses count for both GE and major requirements. | | | | | |
| Math Ed Core Courses | MATH 1220 | Calculus II | 4 | F/S/Su | MATH 1210 |
| | MATH 2210 | Calculus III | 4 | F/S/Su | MATH 1220 |
| | MATH 2270 | Linear Algebra | 3 | F/S/Su | MATH 1220 |
| | MATH 2280 | Differential Equations | 3 | S | MATH 1220 & 2270 (2270 may be concurrent) |
| | MATH 3010 | Math for Secondary Ed. I | 3 | F | MATH 1210 |
| | MATH 3020 | Math for Secondary Ed. II | 3 | S | MATH 3010 |
| | MATH 3040 | History of Mathematics | 3 | S-Even | MATH 1220 (or concurrently) |
| | MATH 3120 | Transition to Advanced Math | 3 | F/S | MATH 1220 & 2270 |
| | MATH 3130 | Modern Geometries | 3 | S | MATH 3120 |
| | MATH 3700 | Probability and Statistics | 4 | F/S/Su | MATH 1220 |
| | MATH 4220 | Abstract Algebra I | 3 | F | MATH 3120 |
| | MATH 4400 | Advanced Calculus I | 3 | F | MATH 2210 & 3120 |
| UD Course | Choose one upper-division math course (numbered 3000-4999) from the table below. | | | | |
| Teacher Ed Courses | MATH 4900 | Methods of Teaching Sec. Math | 3 | F | MATH 1210 & 1040 or 3700 |
| | MATH 4980 | Student Teaching | 2 | F/S | Admission to Student Teaching |
| In addition to the major requirements for Math Education, students must complete the Professional Education Requirements for Secondary Licensure. Please see the Degree Worksheet for Secondary Licensure for the information on those courses. | | | | | |

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**Additional Degree Requirements:**

In addition to the above-listed requirements, to complete a Bachelor's Degree at SUU, students must have a total of 40 upper-division credits, and 120 credits total. Mathematics Education Majors may need a small number of upper-division or free elective credits to meet one of these requirements.

* If not Calculus-ready, students must take MATH 1050 and MATH 1060 before taking MATH 1210.

** PHYS 2210/2215 is the recommended Physical Science GE course for students seeking advanced degrees in mathematics.

*** Indicates the course will be taught as needed; see the department for additional course information.