# Sul Ross State University @ Midland College

## Bachelor of Science

### Mathematics-Certification

<table>
<thead>
<tr>
<th>Date</th>
<th>Catalog Date</th>
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<tr>
<td></td>
<td>2019-2020</td>
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### Name

<table>
<thead>
<tr>
<th>Last</th>
<th>First</th>
<th>Middle</th>
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<tr>
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### Permanent Address

<table>
<thead>
<tr>
<th>Street</th>
<th>City</th>
<th>State</th>
<th>Zip Code</th>
</tr>
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<tbody>
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### Sul Ross Address

<table>
<thead>
<tr>
<th>Telephone</th>
<th>Home</th>
<th>SRSU</th>
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### Email

<table>
<thead>
<tr>
<th>Minor:</th>
<th>Education Certification</th>
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### Completed: __________

### AREA I: CORE CURRICULUM (42 SCH)

### Remaining: _________

<table>
<thead>
<tr>
<th>COURSE TITLE</th>
<th>COURSES</th>
<th>HR</th>
<th>GR</th>
<th>COURSE TITLE</th>
<th>COURSES</th>
<th>HR</th>
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<tbody>
<tr>
<td>Composition I</td>
<td>*ENGL 1301</td>
<td>3</td>
<td></td>
<td>LIFE &amp; PHYSICAL SCIENCES</td>
<td>BIOL 1406, 1407, 1408, 1409, 2401, 2402, 2404; CHEM 1405, 1411, 1412; ENVR 1402; GEO 1401, 1403, 1404, 1405, 1447; PHYS 1401, 1402, 1403, 1404, 1415, 2425, 2426</td>
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<tr>
<td>ENGL 1302, 2311</td>
<td>*ENGL</td>
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<tr>
<td>SPCH 1311, 1315, 1318, 1321</td>
<td>SPCH</td>
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<tr>
<td>ENGL 2321, 2322, 2323, 2326, 2327, 2328, 2331, 2332, 2333; HUMA 1301, 1302; PHIL 1301, 2306</td>
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<td>SOCIAL &amp; BEHAVIORAL SCIENCES</td>
<td>ANTH 2303, 2351; ECON 2301, 2302; GEOG 1303; PSYC 2301; SOCI 1301, 1306</td>
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<tr>
<td>HIST 1301, 1302, 2301, 2327, 2328</td>
<td>HIST</td>
<td>3</td>
<td></td>
<td>GOVERNMENT &amp; POLITICAL SCIENCE</td>
<td>United States Government; Texas State Government</td>
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<tr>
<td>KINE 1164; EDUC 1100</td>
<td>CREATIVE ARTS</td>
<td>1</td>
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<td>ARTS 1301, 1303, 1304; DRAM 1310, 2361, 2362; MUSI 1306, 1308, 1309, 1310</td>
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</table>

*Must have a grade of B or better for admission to Professional Education Program*

### Completed: __________

### AREA II: BACHELOR OF SCIENCE REQUIREMENTS (7 SCH)

### Remaining: _________

### Mathematics

<table>
<thead>
<tr>
<th>COURSE TITLE</th>
<th>COURSES</th>
<th>HR</th>
<th>GR</th>
<th>COURSE TITLE</th>
<th>COURSES</th>
<th>HR</th>
<th>GR</th>
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<tbody>
<tr>
<td>MATH 1316 or Higher</td>
<td>MATH</td>
<td>3</td>
<td></td>
<td>Science</td>
<td>University Physics I</td>
<td>PHYS 2425</td>
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### Completed: Adv.

### AREA III: MATHEMATICS MAJOR (40 SCH; 15 adv)

<table>
<thead>
<tr>
<th>COURSE TITLE</th>
<th>COURSES</th>
<th>HR</th>
<th>GR</th>
<th>COURSE TITLE</th>
<th>COURSES</th>
<th>HR</th>
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<tbody>
<tr>
<td>Fund. of Computer Programming</td>
<td>COSC 1336</td>
<td>3</td>
<td></td>
<td>Geometry</td>
<td>MATH 3301</td>
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<tr>
<td>University Physics II</td>
<td>PHYS 2426</td>
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<td></td>
<td>Foundations of Higher Math</td>
<td>MATH 3340</td>
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<tr>
<td>Calculus I</td>
<td>MATH 2413</td>
<td>4</td>
<td></td>
<td>History of Mathematics</td>
<td>MATH 3350</td>
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<tr>
<td>Calculus II</td>
<td>MATH 2414</td>
<td>4</td>
<td></td>
<td>Advanced Math: 3000-4000 level: 6 sch</td>
<td>MATH</td>
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<tr>
<td>Calculus III</td>
<td>MATH 2415</td>
<td>4</td>
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<td></td>
<td>MATH</td>
<td>3</td>
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<tr>
<td>Differential Equations</td>
<td>MATH 2420</td>
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<td>MATH</td>
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<tr>
<td>Linear Algebra</td>
<td>MATH 2318</td>
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<td>MATH</td>
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Must have a grade of C or better in all subject content area III

PLEASE SEE REVERSE SIDE FOR ADDITIONAL REQUIREMENTS
### Bachelor of Science

**AREA IV: PROFESSIONAL EDUCATION (24 SCH adv)**

<table>
<thead>
<tr>
<th>COURSE TITLE</th>
<th>COURSES</th>
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<th>GR</th>
<th>COURSE TITLE</th>
<th>COURSES</th>
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<tbody>
<tr>
<td>Block 1: Development &amp; Learning Theories</td>
<td>ED 3302</td>
<td>3</td>
<td></td>
<td>Block 3: Principles of Education</td>
<td>ED 3300</td>
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<tr>
<td>Block 1: Reading Skills for Content Subjects</td>
<td>ED 4314</td>
<td>3</td>
<td></td>
<td>Block 3: Classroom Management</td>
<td>ED 4322</td>
<td>3</td>
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<tr>
<td>Block 2: Curriculum/Instruction for Class Teacher</td>
<td>ED 3301</td>
<td>3</td>
<td></td>
<td>Block 3: Student Teaching (Elementary)</td>
<td>ED 4601</td>
<td>6</td>
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<tr>
<td>Block 2: Methods &amp; Materials for Class Teacher</td>
<td>ED 3303</td>
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**AREA V: ELECTIVES (7 SCH)**

<table>
<thead>
<tr>
<th>COURSE TITLE</th>
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<tbody>
<tr>
<td>Introduction to the Teaching Profession (Recommended)</td>
<td>EDUC 1301</td>
<td>3</td>
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<tr>
<td>Introduction to Special Populations (Recommended)</td>
<td>EDUC 2301</td>
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**Total completed:**

**Total Remaining:**

**MINIMUM FOR DEGREE: 120 SCH**

Prior to registration for the last semester of enrollment, the advisor and student should insure the following additional requirements have been met by computing the current GPA and/or hours as indicated.

1. Cumulative GPA (Overall GPA of 2.0 required for graduation, 2.0 in major field).
2. SCH completed in residence (Minimum of 30 sch; 15 sch advanced)
3. Number of sch of the last 30 sch completed in residence (minimum of 24 sch)
4. Number of sch advanced course work completed (36 sch required; 15 sch residence)
5. Number of sch advanced course work completed in Major (Minimum of 18 sch, 12 sch in residence.)
6. Total number of sch completed for the degree (minimum 120 sch)

Completion of additional requirements confirmed by:

---

Student Signature
Date
Approved, Major Advisor
Date

Approved,
Chair, Department of Mathematics
Date

Approved,
Dean, College of Arts and Sciences
Date

A person providing information to Sul Ross State University by means of this form is entitled (with few exceptions) to request, receive, review, and, if desired, correct information about him/her that is incorrect. *Texas Government Code, Chapter 559*