

**TEACHER CERTIFICATION IN MATHEMATICS (8-12) 2014-2016 CATALOG**

Date \_\_\_\_\_

Catalog Date \_\_\_\_\_

Name \_\_\_\_\_ SID# \_\_\_\_\_  
 Last First Middle

Permanent Address \_\_\_\_\_  
 Street City State Zip Code

Sul Ross Address \_\_\_\_\_ Telephone \_\_\_\_\_  
 Home SRSU

Email: \_\_\_\_\_ Minor: \_\_\_\_\_

Completed: \_\_\_\_\_ **AREA I: CORE CURRICULUM (42 sch)** To be completed: \_\_\_\_\_

COURSE TITLE	COURSES	HR	GR	COURSE TITLE	COURSES	HR	GR
<b>COMMUNICATION</b> Composition & Rhetoric I	ENG 1301	3		<b>LIFE &amp; PHYSICAL SCIENCES</b> Choose 2 classes ASTR 1303,1304, BIOL 1311,1313, CHEM 1311,1312 GEOL 1303,1304,1305, IT 1309, NRM 1301, 2305		3	
	ENG 1302	3				3	
<b>LANGUAGE, PHILOSOPHY &amp; CULTURE:</b> ENG 2341, 2331, 2312,2315,2322,2323,2327,2328, MAS 2301, PHIL 1301 or WS 2301		3		<b>SOCIAL &amp; BEHAVIORAL SCIENCES</b> ANTH 1301, ECO 2301,2302,GEOG 1302,2302, PSY 1302,SOC 2303		3	
<b>AMERICAN HISTORY</b> US History to 1877	HIST 1301	3		<b>CREATIVE ARTS</b> ART 1301; FA 1315; IT 2304; MUS 1303, 1308; THEA 1310		3	
	US History since 1877	HIST 1302	3				
<b>COMPONENT AREA OPTION</b> COMM 1307, 1310; ENG 2341, 2331, 2312, 2315,2322,2323,THEA 2304 or 2336		3		<b>POLITICAL SCIENCE</b> Federal Government	PS 2305	3	
		3			State Government	PS 2306	3
<b>MATHEMATICS</b> MATH 1332*,1314,or 1342	MATH 1314	3					

\*Math 1332 will not fulfill degree requirements for the Bachelor of Science Degree.

Completed: \_\_\_\_\_ **AREA II: UNIVERSITY REQUIREMENT (1 sch)** To be completed: \_\_\_\_\_

<b>FIRST YEAR SEMINAR</b>	SRSU 1101	1		
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Completed: \_\_\_\_\_ **AREA III: BACHELOR OF SCIENCE REQUIREMENTS (9 sch)** To be completed: \_\_\_\_\_

<b>MATHEMATICS</b> Choose Math not taken in Core Curriculum	MATH 1316 or higher	3		<b>SCIENCE</b> University Physics	PHYS 2325	3	
<b>SCIENCE LAB</b> Lab corresponding to core science course		1		University Physics Lab	PHYS 2125	1	
Lab corresponding to core science course		1					

Completed: \_\_\_\_\_ **AREA IV: MAJOR (43 sch/25 adv)** To be completed: \_\_\_\_\_

REQUIRED COURSE TITLES	COURSES	HR	GR	COURSE TITLE	COURSES	HR	GR
Calculus I	MATH 2413	4		Foundations of Higher Math	MATH 3340	3	
Calculus II	MATH 2414	4		History of Mathematics	MATH 3350	3	
Calculus III	MATH 3415	4		3 hrs Advanced MATH		3	
Linear Algebra	MATH 2318	3		3 hrs Advanced MATH		3	
Geometry	MATH 3301	3		Logic Design	CS 1309	3	
Differential Equations	MATH 3320	3		University Physics II	PHYS 2326	3	
Number Theory	MATH 3330	3		University Physics II Lab	PHYS 2126	1	

**PLEASE SEE REVERSE SIDE FOR ADDITIONAL REQUIREMENTS**

Completed: Adv. **AREA V: Education (24sch/ 24 adv)** To be completed:

COURSE TITLE	COURSES	HR	GR	COURSE TITLE	COURSES	HR	GR
Development & Learning Theory	ED 3302	3		Reading Skills for Content Subject	ED 4314	3	
Curriculum & Instruction	ED 3301	3		Methods & Materials	ED 3303	3	
Principals of Education	ED 3300	3		Classroom Management	ED 4322	3	
Student Teaching	ED 4605	6					

Completed: Adv. **ELECTIVES** To be completed:

COURSE TITLE	COURSES	HR	GR	COURSE TITLE	COURSES	HR	GR
One hour course of choice		1					

**Total completed:** \_\_\_\_\_

**Total to be completed:** \_\_\_\_\_

Completed: Adv. **DEVELOPMENTAL EDUCATION** To be completed:

COURSE TITLE	COURSES	HR	GR	COURSE TITLE	COURSES	HR	GR
Writing Skills	ENG 0300			Math Skills – Intro Algebra	MATH 0300		
Reading Skills	ED 0300			Math Skills – Inter Algebra	MATH 0301		

**MINIMUM FOR DEGREE: 120 sch**  
**Minor -**

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. )(GPA of 2.5 in each teaching field and 2.5 overall required for Teacher Education Program.)  
\_\_\_\_\_
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: \_\_\_\_\_

\_\_\_\_\_  
Approved, \_\_\_\_\_, Advisor Date

\_\_\_\_\_  
Approved, \_\_\_\_\_ Date  
Chair, Department of

\_\_\_\_\_  
Approved, \_\_\_\_\_ 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*