

**TEXAS WOMAN'S UNIVERSITY**  
 College of Arts and Sciences  
 Department of Mathematics and Computer Science  
 Bachelor of Science Degree in 8-12 Mathematics

Name	Student ID Number	Date
Permanent Address	City, State, Zip Code	(     ) Phone Number
Local Address	City, State, Zip Code (if different from above)	(     ) Phone Number
Email	Catalog Date	
Expected Date of Graduation	Major	<b><u>Mathematics</u></b>

Please check the box next to each course completed. For each course to be completed, write in the semester and year you plan to complete the course. NOTE: Under the core, courses are taken to meet core requirements may not be counted toward a major. (See Advisor concerning previous core.)

**University Core: 42-44 SCH**

**Mathematics: 37 SH**

**English: 9 SCH**

- English 1013 (English Composition + Literature I)
- English 1023 (English Composition + Literature II)
- English (Literature)

**History: 6 SCH**

- History 1013 (American to 1865)
- History 1023 (American 1865 - present)

**Government: 6 SCH**

- Government 2013 (US)
- Government 2023 (TX)

**Mathematics: 3 SCH**

- MATH 1313 (Elementary Analysis II)

**Laboratory Science: 6-8 SCH**

- \_\_\_\_\_
- \_\_\_\_\_

**Visual/Performing Arts: 3 SCH**

- \_\_\_\_\_

**Social/Behavioral Sciences: 3 SCH**

- \_\_\_\_\_

**Multicultural Studies: 3 SCH**

- FS 2003 (Diversity in Contemporary Families)
- or EDUC 3033 (Language and Culture)

**Women's Studies: 3 SCH**

- \_\_\_\_\_

**Computer Competency:**

- \_\_\_\_\_

**Oral Competency:**

- \_\_\_\_\_

**Electives 10-14 SCH** (In addition to the core)

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

- MATH 2014 (Introductory Calculus I)
- MATH 2024 (Introductory Calculus II)
- MATH 3104 (Intermediate Calculus)
- MATH 3053 (Abstract Algebra)
- MATH 3063 (Linear Algebra)
- or MATH 3073 (Matrix Methods)
- MATH 4003 (Math Concepts in the Educational Setting)
- MATH 4013 (Probability and Statistics)
- MATH 4203 (Problem Solving in Secondary Grades)
- or MATH 4303 (Algebra in Math Classroom)
- MATH 3003 (Survey of Geometry)
- or MATH 4313 (Geometry in Math Classroom)
- MATH 4911 (Topics in Math Classroom)
- MATH \_\_\_\_3
- MATH \_\_\_\_3

**Teaching Foundations: 11-14 SCH**

- CSCI 3002 (Advanced Computing Technology)
- EDSP 4203 (Learners with Exceptionalities)
- EDBE 3033 (Language and Culture)  
(unless taken as core)
- FS 3513 (Childhood/Adolescent)
- READ 3013 (Literacy Learning Across the Curriculum)

**Pedagogy & Prof. Responsibility: 20 SCH**

- EDUC 2003 (Schools and Society)
- EDUC 3001 (Integrating Technology-Effective Learning)
- EDUC 3003 (Learning Theory and Development)
- EDUC 4001 (Inter. Tech into D&I of A&I)
- EDUC 4113 (Instruction and Assessment)
- EDUC 4243 (Classroom Environment & Management)
- EDUC 4126 (Student Teaching)

COMPLETED	TO BE COMPLETED

**NOTES:**

1. By state law the candidate must have credit for six (6) semester hours of American History. Texas History may substitute for three (3) semester hours.
2. *Major:* The catalog defines the requirements of a major as a minimum of (30) Semester hours .One half (1/2) advanced and one quarter (1/4) taken in residency at TWU.
3. *Minor:* The sequence of education courses will be accepted in lieu of a minor.
4. Each degree requires a minimum of 124 hours, including 36 advanced hours. Thirty (30) of the last thirty-six (36) hours must be completed in residency at TWU.
5. A student may transfer no more that 72 semester hours from junior or community colleges. There is no maximum number of semester hours transferable from universities.
6. A student who holds a valid bachelor's degree from another accredited college or university and who wishes to earn a second bachelor's degree at TWU must complete the following legal requirements:
  - ◆ Six (6) semester hours of American History
  - ◆ Three (3) semester hours of National Government
  - ◆ Three (3) semester hours of State Government
  - ◆ Thirty-six (36) hours of advanced electives
  - ◆ Must meet departmental, residency and core requirements

**PROCEDURES:**

1. The student will file TWU transcripts, TWU grade reports and TWU evaluations with Advisor at the time suggested by Advisor.
2. The catalog carrying the date s student was first enrolled in an accredited college or university may dictate the requirements for graduation for a five-year period. Beyond this time a new catalog must be consulted. The advisor and student should agree on the catalog date to be used and enter this information in the space designated "Catalog Date" on the opposite side of this form. This rule may be superseded by state law.
3. The student will list on this form all courses satisfactorily completed, as well as those to be completed, by course number.
4. The advisor should sign as Major Advisor and forward the form to the department chair.
5. The Chair will be the sole authority for authorizing substitutions in the listing of major and minor courses.
6. The form will be forwarded to the College of Professional Education. After approval and signature, the College of Professional Education will return the form to the Department of Mathematics and Computer Science Chair.
7. Chair will forward the form to the Dean of the College of Arts and Sciences.
8. The Dean, if approval is granted, will forward the form to the Registrar's Office at least one year prior to the expected date of graduation.
9. The Registrar's Office will determine that legal and University-wide graduation requirements have been or will be satisfied for graduation.
10. The Registrar's Office will notify the candidate for graduation steps to be followed for graduation (ordering diploma, invitations, academic regalia, and time and place of ceremony).

**ROUTE IN ORDER SHOWN**

*Due in the Office of Admissions and Registration one year prior to the semester of graduation.*

1. \_\_\_\_\_  
Student's Signature and Date
2. \_\_\_\_\_  
Major Advisor and Date
3. \_\_\_\_\_  
Teacher Certification and Date
4. \_\_\_\_\_  
Department Chair and Date
5. \_\_\_\_\_  
Dean and Date