

Texas Woman's University
College of Arts and Sciences
Department of Mathematics and Computer Science
Bachelor of Science Degree in 4-8 Mathematics
FOR ADVISING PURPOSES ONLY

Name _____ Student ID Number _____ Date: _____

Permanent Address _____ City, State, Zip Code _____ Phone _____

Catalog Date Fall 05

Email address _____

Expected Date of Graduation _____ Major Mathematics

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. **NO**
 Under the core, courses taken to meet core requirements may not be counted toward the major. (See Advisor concerning previous core.)

University Core: 42-44 SCH

English: 9 SCH

- English 1013 (Eng. Comp + Lit I)
- English 1023 (Eng. Comp + Lit II)
- English (Literature)

History: 6 SCH

- History 1013 (Amer. to 1865)
- History 1023 (Amer. 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 Cont. Families)
- or EDBE 3033 (Lang. and Culture)

Women's Studies: 3 SCH

- _____

Computer Competency:

- CSCI 3002

Oral Competency:

- _____

Science 6-9 SCH (In addition to the core)

- _____
- _____
- _____

Electives 2-6 SCH = TOTAL of 124 hours

- _____
- _____

Mathematics: 37 SH

- MATH 1603 (Fund. of Elem Math I)
- MATH 1613 (Fund. of Elem Math II)
- MATH 1703 (Elementary Statistics)
- or MATH 4013 (Prob. & Stat.)
- MATH 2014 (Introductory Calculus)
- MATH 2024 (Introductory Calculus II)
- MATH 3104 (Intermediate Calculus I)
- MATH 3003 (A Survey of Geometry)
- or MATH 4313 (Geometry in Math Classroom)
- MATH 3053 (Abstract Algebra)
- MATH 3063 (Linear Algebra)
- or MATH 3073 (Matrix Algebra)
- MATH 4003 (Math Concepts in the Educ. Setting)
- MATH 4103 (Prob. Solving in Elem. Grades)
- or MATH 4303 (Algebra Content in Math Classroom)
- MATH 4311 (Seminar in Math Education)

Teaching Foundations: 17-20 SCH

- CSCI 3002 (Advanced Computing Technology)
- EDBE 3033 (Language and Culture)
(**unless taken as core**)
- EDSP 4203 (Learners with Exceptionalities)
- FS 2003 (Diversity in Contemporary Families)
- FS 3513 (Adolescent Development)
- READ 3423 (Reading & Lang. Arts 4-8)
- READ 3463 (Content Area Reading)

Pedagogy and Prof. Responsibility: 20 SCH

- EDUC 2003 (Legal, Ethical, Prof. Role + Responsibility)
- EDUC 3001 (Integ. Tech. for Effective Learning)
- EDUC 3003 (Learning Theory & Develop.)
- EDUC 4001 (Inter. Tech. into D&I of A&I)
- EDUC 4113 (Instruction and Assessment)
- EDUC 4243 (Classroom Environment & Mgt.)
- EDUC 4786 (Student Teaching)

