

## SECONDARY MATHEMATICS

*A suggested sequence of course, many courses in the Freshman and Sophomore years are interchangeable.  
Course selection is subject to availability and fit within each semester.*

**FRESHMAN-FALL**

ENG 1302 Thinking and Writing  
REL 1310 The Christian Scriptures  
Language\* 3-4 hours  
MTH 1321 Calculus I  
**TED 1312 Introduction to Teaching**  
LF 1134 Fitness Theory and Practice  
Chapel (CR)

**Total: 16-17 s.h.****FRESHMAN-SPRING**

ENG 1304 Thinking, Writing, and Research  
REL 1350 The Christian Heritage  
Language\* 3-4 hours (if needed)  
MTH 1322 Calculus II  
PUBH 1145 Health and Human Behavior  
Fine Arts (2-3 hrs from ART 1300, MUS 1220, THEA 1206)  
Chapel (CR)

**Total: 12-17 s.h.****SUMMER:** MTH 2311 Linear Algebra**Total: 3 s.h.****SOPHOMORE-FALL**

**TED 3326 The Developing Child**  
Science (4)  
MTH 2321 Calculus III  
MTH 3300 Foundations of Mathematics  
PSC 2302 American Constitutional Development  
LF 11\_\_ Lifetime Fitness

**Total: 17 s.h.****SOPHOMORE-SPRING**

TED 2381 American Educational Thought  
Science (4)  
MTH 3312 Foundations of Combinatorics and Algebra  
STA 3381 Probability & Statistics  
HIS 2365 History of the United States to 1877  
LF 11\_\_ Lifetime Fitness

**Total: 17 s.h.**

***Must have minimum 2.75 gpa (cumulative & in major) to begin Teaching Associate.***

**JUNIOR-FALL**

**TED 3340 Teaching Associate Secondary Part I**  
**TED 3383 Secondary Math Practicum I**  
**TED 4348 Secondary Mathematics Curriculum**  
TED 3380 Social Issues in Education  
MTH 3350 Structure of Modern Geometry  
MTH Advanced Elective (3)

**Total: 18 s.h.****JUNIOR-SPRING**

**TED 3641**  
**TED 4349 Critical Issues Mathematics Education**  
MTH 3340 Mathematics Through Technology  
MTH 3323 Introduction to Analysis

**Total: 15 s.h.****SENIOR-FALL**

**TED 4640 Internship Secondary Part I**  
**TED 4641 Internship Secondary Part II**

**Total: 15 s.h.****SENIOR-SPRING**

**TED 4642 Internship Secondary Part III**  
**TED 4643 Internship Secondary Part IV**  
**MTH 3374 Introduction to Mathematical Modeling**

**Total: 15 s.h.****TOTAL SEMESTER HOURS: 130\*\***

\*Second level proficiency is required.

**\*\*The minimum hour requirement for a Baylor degree is 124 hours. Elective hours may be needed to meet this requirement.****For English as a Second Language (ESL) Supplementary Certification**

- Add TED 4312 Methods of Teaching English as a Second Language to the junior or senior year.

**To enter the Teaching Associate coursework a formal application process must be completed. The requirements include:**

- Minimum GPA of 2.75 (cumulative & major)
- One of the following: SAT prior to March 5, 2016 1070 (500+ Reading/Math), or SAT on or after March 5, 2016 480+ on EBRW and 530+ on mathematics test, ACT 23 (19+ English/Math), qualifying TAKS/STAAR test scores or appropriate TSI score.
- International Students: TOEFL exam and score of 26 on speaking component.
- Teaching Associate application and paperwork on file with the Office of Professional Practice

(Please note: Students will be notified of admission decision by email and must respond to the notification within 10 days of receiving the email.)

**To enter the Internship coursework the following must be achieved:**

- Minimum gpa of 2.75 (cumulative & major)
- Grade of B or better, each semester, in each of the Teaching Associate courses.
- 80% earned overall score on the PPR and content Diagnostic TExES exams.
- One official TExES test attempted.
- Summative e-folio benchmark assessment with a mean rating equal to or greater than 4 (on 9-point scale).

**The School of Education has high expectations for our teaching candidates while placed in local school classrooms. The expectations are as follows:**

- Any Teacher Education (TED) course may only be repeated once: some TED courses require faculty permission to be repeated.
- A grade of B or higher must be earned in Teaching Associate and Internship courses in order to move on to subsequent semester of coursework.
- If a student does not earn a grade of B or higher in Teaching Associate and/or Internship courses, he/she must initiate an appeal as outlined in the Professional Development School Teacher Education Handbook.. This process will determine if the student is able to continue in the Teacher Education Program.

**Please note: "Course completion" requirements may vary according to certificate programs as specified in the Professional Development School Teacher Education.**