

Secondary Mathematics 2018

*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

EDP 3326 The Developing Child
Science (4) (BIO CHE, PHY, ENV)
MTH 2321 Calculus III
MTH 3300 Foundations of Mathematics
LF 11__ Lifetime Fitness

Total: 17 s.h.

SOPHOMORE-SPRING

TED 3380 Social Issues
Science (4) BIO, CHE, PHY, ENV)
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 3342 School and Classroom Environment
TED 3383 Mathematics Content Methods
TED 4348 Secondary Mathematics Curriculum
PSC 2302 American Constitutional Development
MTH 3350 Structure of Modern Geometry
MTH Advanced Elective (3)

Total: 18 s.h.

JUNIOR-SPRING

TED 3641 Teaching Associate Secondary
TED 4349 Critical Issues Mathematics Education
MTH 3340 Mathematics Through Technology
MTH 3323 Introduction to Analysis
Elective if needed

Total: 15 s.h.

SENIOR-FALL

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

Total: 12 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: 125-128**

*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. Revised Jan 2020

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.