

MIDDLE GRADES MATHEMATICS 201810 Catalog

*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 1315 Patterns, Relationships & Number Concepts
TED 1312 Introduction to Teaching
LF 1134 Fitness Theory and Practice
Chapel (CR)

Total: 16-17 s.h.**SOPHOMORE-FALL**

TED 3326 The Developing Child
LF 11__ Lifetime Fitness
MTH 2316 Algebra and Functions
Science (4) (Bio, Che, Geo, Phy)
TED 3380 Social Issues
LF 11__ Lifetime Fitness

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

ENG 1304 Thinking, Writing, and Research
REL 1350 The Christian Heritage
Language* 3-4 hours (if needed)
MTH 1316 Geometry and Measurement
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.**SOPHOMORE-SPRING**

TED 2381 American Educational Thought
Science (4) (Bio, Che, Geo, Phy)
MTH 2317 Functions and the Mathematics of Change
MTH 3318 Data and Chance
HIS 2365 History of the United States to 1877
Elective if needed

Total: 16 s.h.

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

The Fall and Spring semesters may be interchangeable due to scheduling in the Associate Year

JUNIOR-FALL

TED 3630 Teaching Associate Middle Grades Part I
TED 4336 Mathematics in the Early Grades
PSC 2302 American Constitutional Development
MTH 3350 Structure of Modern Geometry
Elective if needed
Total: 15 s.h.

SENIOR-FALL

TED 4630 Internship Middle Grades Part I
TED 4631 Internship Middle Grades Part II
MTH 4343 Topics in Mathematics for Prospective Teachers

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

TED 3370 Data Analysis
TED 4337 Mathematics in Middle Grades
MTH 3340 Mathematics Through Technology
MTH 3374 Introduction to Mathematical Modeling
Elective if needed
Total: 15 s.h.

SENIOR-SPRING

TED 4632 Internship Middle Grades Part III
TED 4633 Internship Middle Grades Part IV
TED 4349 Critical Issues in Mathematics Education

Total: 15 s.h.**TOTAL SEMESTER HOURS: 124****

*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.