BAYLOR UNIVERSITY  |  SCHOOL OF EDUCATION

MIDDLE GRADES MATHEMATICS through the Baylor Interdisciplinary Core (BIC)

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**
- BIC 1212  Examined Life
- BIC 1314  World Cultures I
- BIC 1413  Rhetoric I
- MTH 1315  Patterns, Relationships, & Number Concepts
- TED 1312  Introduction to Teaching

Chapel (CR)
Total: 15 s.h.

**FRESHMAN-SPRING**
- BIC 1323  Rhetoric II
- BIC 1324  World Cultures II
- HIS 2365  History of the United States to 1877
- MTH 1316  Geometry and Measurement
- TED 2381  American Educational Thought (=BIC 2340)
- LF ___   Lifetime Fitness
  Chapel (CR)
Total: 16 s.h.

**SUMMER:**  Foreign Language (6-8 hrs.)

**SOPHOMORE-FALL**
- TED 3326  The Developing Child
- BIC 2330  Social World I
- BIC 2334  World Cultures III
- MTH 2316  Algebra and Functions
- Lab Science (4 hours)

Total: 16 s.h.

**SOPHOMORE-SPRING**
- BIC 2344  World Cultures IV
- MTH 2317  Functions and the Mathematics of Change
- MTH 3318  Data and Chance
- Lab Science (4 hours)
- LF ___   Lifetime Fitness

Total: 17-18 s.h.

**MUST HAVE MINIMUM 2.75 GPA (CUMULATIVE & IN MAJOR) TO BEGIN TEACHING ASSOCIATE.**

**JUNIOR-FALL**
- TED 3630  Teaching Associate Middle Grades Part I
- TED 4336  Mathematics in the Early Grades
- TED 3380  Social Issues in Education
- MTH 3350  Structure of Modern Geometry

Total: 15 s.h.

**JUNIOR-SPRING**
- TED 3370
- TED 4337  Mathematics in the Middle Grades
- MTH 3340  Mathematics Through Technology
- MTH 3374  Introduction to Mathematical Modeling
- BIC 3358  Biblical Heritage and Ethics

Total: 18 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.

**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: 119-125**

* Second level proficiency is required. Sign Language not allowed.

**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 9/18
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 1070 (500+ Reading/Math), ACT 23 (19+ English/Math), qualifying TAKS/STAAR test scores or appropriate THEA 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.