MATHEMATICS through the Baylor Interdisciplinary Core
Middle Grades – 2014-2015

FRESHMAN-FALL
BIC 1413  Rhetoric I
BIC 1314  World Cultures I
BIC 1212  Examined Life I
MTH 1315  Patterns, Relationships & Number Concepts
TED 1312  Introduction to Teaching I
TED 1112  Instructional Technology Lab I
Chapel (CR)
Total: 16 s.h.

FRESHMAN—Summer I
Language  3-4 hours (if needed)

SOPHOMORE-FALL
BIC 2334  World Cultures III
BIC 2330  Social World I
BIC 2437  Natural World I
TED 2330  Teaching in the Middle Grades
MTH 2316  Algebra and Functions
TED 2112  Instructional Technology Lab II
Total: 17 s.h.

SOPHOMORE—SPRING
BIC 2344  World Cultures IV
BIC 2340  Social World II
BIC 2447  Natural World II
MTH 2317  Functions and the Mathematics of Change
MTH 3318  Data and Chance
LF 11__  Human Performance
Total: 16 s.h.

Must have minimum 2.75 GPA (cumulative & in majors) 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
BIC 3358  Biblical Heritage
Total: 18 s.h.

JUNIOR—SPRING
TED 3631  Teaching Associate Middle Grades Part II
TED 4337  Mathematics in the Middle Grades
MTH 3374  Introduction to Mathematical Modeling
MTH 3340  Mathematics Through Technology
Total: 15 s.h.

SENIOR-FALL
TED 4630  Internship Middle Grades Part I
TED 4631  Internship Middle Grades Part II
MTH 4343  Topics in Math 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.

Course selection is subject to availability and fit within each semester.

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 August 2014