

**COLLEGE OF EDUCATION**  
**Bachelor of Science, Teaching & Learning**  
**Mathematics Grades 4<sup>th</sup> – 8<sup>th</sup>**  
**Four-Year Academic Map 2015-2016**

| YEAR 1 | Semester 1 Fall |                             |    | Semester 2 Spring |                                |    | Total |
|--------|-----------------|-----------------------------|----|-------------------|--------------------------------|----|-------|
|        | ENGL 1303       | First Year Writing I*       | 3  | ENGL 1304         | First Year Writing II*         | 3  |       |
|        | MATH 1311       | Elementary Math Modeling*   | 3  | MATH 1312         | Introduction to Mathematics    | 3  |       |
|        | HIST 1377       | The United States to 1877*  | 3  | HIST 1378         | The United States since 1877*  | 3  |       |
|        | CHEM 1301       | Foundations of Chemistry    | 3  | BIOL 1310/1320    | General Biology*               | 3  |       |
|        | HDFS 1311       | Dev Self-Regulated Learning | 3  | HDFS 1300         | Dev. of Contemporary Families* | 3  |       |
|        | Semester Hours  |                             | 15 | Semester Hours    |                                | 15 | 30    |

| YEAR 2 | Semester 1 Fall |                                   |    | Semester 2 Spring |                           |    | Total |
|--------|-----------------|-----------------------------------|----|-------------------|---------------------------|----|-------|
|        | CORE            | Language, Philosophy & Culture*   | 3  | MATH 2303         | Concepts in Algebra       | 3  |       |
|        | MATH 1330       | Pre-Calculus*                     | 3  | POLS 1337         | US Government*            | 3  |       |
|        | POLS 1336       | US & TX Constitutions & Politics* | 3  | CORE              | Life & Physical Sciences* | 3  |       |
|        | GEOL 1330       | Physical Geology*                 | 3  | CORE              | Creative Arts*            | 3  |       |
|        | PSYC 2351       | Psychology of Adolescence*        | 3  | EPSY 3300         | Educational Psychology    | 3  |       |
|        | Semester Hours  |                                   | 15 | Semester Hours    |                           | 18 | 33    |

| YEAR 3         | Semester 1 Fall |                                    |                | Semester 2 Spring |                                      |    | Total |
|----------------|-----------------|------------------------------------|----------------|-------------------|--------------------------------------|----|-------|
|                | CUIN 3221       | Intro to Teaching: Middle Grades   | 2              | CUIN 3333         | Different Instr for Diverse Learners | 3  |       |
|                | CUIN 3121       | Educational Tech for Adolescents I | 1              | CUIN 4315         | Assessment of Children               | 3  |       |
|                | ELED 3320       | Survey of Lit for Children & Adol. | 3              | CUIN 4375         | Classroom Management                 | 3  |       |
|                | EPSY 3360       | Individuals with Disabilities      | 3              | CUIN 3347         | Reading in the Content Areas         | 3  |       |
|                | CUIN 3302       | 21 <sup>st</sup> Century Child     | 3              | HLT 3303          | Health of the Elementary Child       | 3  |       |
|                | CUIN 4303       | Second Language Acquisition        | 3              | CUIN 4344         | Teaching Mathematics in Gr. 4-8      | 3  |       |
| Semester Hours |                 | 15                                 | Semester Hours |                   | 18                                   | 33 |       |

| YEAR 4 | Semester 1 Fall |                                  |    | Semester 2 Spring |                                 |     | Total |
|--------|-----------------|----------------------------------|----|-------------------|---------------------------------|-----|-------|
|        | MATH 330#       | Approved Math Content Course     | 3  | CUIN 4349         | Teaching Geometry Concepts 6-12 | 3   |       |
|        | MATH 330#       | Approved Math Content Course     | 3  | T & L             | Teaching & Learning Elective    | 3   |       |
|        | CUIN 4351       | Dev. Proportional Reasoning      | 3  | EDUC 4325         | Student Teaching                | 3   |       |
|        | EDUC 4324       | ST & Integrated Tech: Middle Sch | 3  |                   |                                 |     |       |
|        | Semester Hours  |                                  | 12 | Semester Hours    |                                 | 9   | 21    |
|        |                 |                                  |    |                   |                                 | 120 |       |

| Choice of Semester |                              |   |   |
|--------------------|------------------------------|---|---|
| MATH 330#          | Approved Math Content Course | 3 |   |
| Semester Hours     |                              | 3 | 3 |

\*State of Texas Core Curriculum

Students should meet with their academic advisor to formulate their own plan.