

**COLLEGE OF EDUCATION**  
**Bachelor of Science, Teaching & Learning**  
**Mathematics Grades 4<sup>th</sup> – 8<sup>th</sup>**  
**Four-Year Academic Map 2021-2022**

| YEAR 1 | Semester 1 Fall |                            |   | Semester 2 Spring |  |   | Total |
|--------|-----------------|----------------------------|---|-------------------|--|---|-------|
|        | ENGL 1301       | First Year Writing I*      | 3 | ENGL 1302         | First Year Writing II*                         | 3 |       |
|        | MATH 1314       | College Algebra*           | 3 | MATH 1351         | Introduction to Mathematical Reasoning *       | 3 |       |
|        | HIST 1376/77    | The United States to 1877* | 3 | HIST 1378/79      | The United States since 1877*                  | 3 |       |
|        | CHEM 1305       | Foundations of Chemistry*  | 3 | BIOL 1308/09      | Biology for Non-Science Majors I/ II (lecture) | 3 |       |
|        | CORE            | Lang, Phil & Culture*      | 3 | CORE              | Creative Arts*                                 | 3 |       |
|        | Semester Hours  |                            |   | 15                | Semester Hours                                 |   | 15    |

| YEAR 2 | Semester 1 Fall |  |   | Semester 2 Spring |   |   | Total |
|--------|-----------------|--|---|-------------------|---|---|-------|
|        | CORE            | Writing in the Disciplines*                | 3 | CUIN 1350         | Mathematics for Teachers 1                    | 3 |       |
|        | MATH 2312       | Pre-Calculus*                              | 3 | GOVT 2305         | US Government: Congress, President, & Courts* | 3 |       |
|        | GOVT 2306       | US and Texas Constitution and Politics*    | 3 | CORE              | Life & Physical Sciences*                     | 3 |       |
|        | GEOL 1303       | Physical Geology (lecture) *               | 3 | CORE              | Social & Behavioral Science*                  | 3 |       |
|        | MATH 330X       | Approved Upper Level Math Course MATH 3305 | 3 | HDFS 3300         | Intro. to Ed. Psychology                      | 3 |       |
|        | Semester Hours  |  |   | 15                | Semester Hours                                |   | 15    |

| YEAR 3 | Semester 1 Fall |                                  |   | Semester 2 Spring |  |   | Total |
|--------|-----------------|----------------------------------|---|-------------------|--|---|-------|
|        | CUIN 3321       | Intro to Teaching: Middle Grades | 3 | MATH 330X         | Approved Upper Level Math Course Math 3304 | 3 |       |
|        | CUIN 3312       | Ed. Tech. for Adolescents        | 3 | MATH 330X         | Approved Upper Level Math Course Math 3307 | 3 |       |
|        | CUIN 4331       | Adolescent Literature            | 3 | CUIN 4349         | Tech. Geom. & Alg. Concepts                | 3 |       |
|        | CUIN 4351       | Dev. Proportional Reasoning      | 3 | CUIN 4315         | Assessment of Children                     | 3 |       |
|        | CUIN 4101       | Content for Teaching             | 1 | CUIN 3347         | Reading in the Content Areas               | 3 |       |
|        | CUIN 4341       | Teaching Math Prob. Solving      | 3 | EDUC 3101         | Practicum for Preservice Teachers          | 1 |       |
|        | CUIN 1103       | Dev. of Educator Dispositions    | 1 | Semester Hours    |  |   | 16    |

| YEAR 4 | Semester 1 Fall |  |   | Semester 2 Spring |  |   | Total |     |
|--------|-----------------|--|---|-------------------|--|---|-------|-----|
|        | MATH 330X       | Approved Upper Level Math Course MATH 3303 | 3 | CUIN 4361         | Second Language Methodology                                    | 3 |       |     |
|        | CUIN 4375       | Classroom Management                       | 3 | EDUC 2301         | Introduction to Special Populations                            | 3 |       |     |
|        | CUIN 4344       | Teaching Math in Grades 4-8                | 3 | CUIN 3333         | Differentiating Curr., Inst., and Assess. for Diverse Learners | 3 |       |     |
|        | CUIN 3302       | Social Education                           | 3 | EDUC 4325         | Student Teaching and Int.Tech: MS                              | 3 |       |     |
|        | EDUC 4324       | Student Teaching and Int. Tech: MS         | 3 | Semester Hours    |  |   | 12    | 27  |
|        | Semester Hours  |  |   | 15                | Semester Hours   |   | 12    | 120 |

\*State of Texas Core Curriculum

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