

COLLEGE OF EDUCATION
Bachelor of Science, Teaching & Learning
Mathematics Grades 4th – 8th
Four-Year Academic Map 2018-2019

| 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* Or | 3 | MATH 1312 | Introduction to Mathematics* | 3 | |
| | MATH 1310 | College Algebra | | | | | |
| | 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 1/2* | 3 | |
| | CORE | Lang, Phil & Culture from list | 3 | CORE | Creative and Visual Arts from list | 3 | |
| | CUIN 1103 | Dev. of Educator Dispositions | 1 | | | | |
| | Semester Hours | | | 16 | Semester Hours | | 15 |

| YEAR 2 | Semester 1 Fall | | | Semester 2 Spring | | | Total |
|--------|-----------------|---------------------------------------|---|-------------------|--------------------------------|---|-------|
| | CORE | Writing in the Disciplines from list* | 3 | CUIN 2320 | Math for EC-6 Teachers | 3 | |
| | MATH 1330 | Pre-Calculus* | 3 | POLS 1337 | US Gov.: Cong., Pres. & Courts | 3 | |
| | POLS 1336 | US & TX Constitutions & Politics* | 3 | CORE | Life & Physical Sciences* | 3 | |
| | GEOL 1330 | Physical Geology* | 3 | CORE | Social & Behavioral Science | 3 | |
| | MATH 330X | Upper level math choice | 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 | Upper Division Course | 3 | |
| | CUIN 3312 | Ed. Tech. for Adolescents | 3 | MATH 330X | Upper Division Course | 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 Pres. Teachers | 1 | |
| | Semester Hours | | | 16 | Semester Hours | | 16 |

| YEAR 4 | Semester 1 Fall | | | Semester 2 Spring | | | Total |
|--------|-----------------|---|---|-------------------|---|---|-------|
| | MATH 330X | Upper Division Course | 3 | CUIN 4361 | Second Language Methodology | 3 | |
| | CUIN 4375 | Classroom Management | 3 | SPEC 3360 | Individuals with Disabilities | 3 | |
| | CUIN 4344 | Teaching Math in Grades 4-8 | 3 | CUIN 3333 | Dif. Inst. For Diverse Learners | 3 | |
| | CUIN 3302 | Social Education | 3 | CUIN 4325 | Student Teaching and Integrated Tech.-Middle school | 3 | |
| | EDUC 4324 | Student Teaching and Integrated Tech.-Middle school | 3 | | | | |
| | Semester Hours | | | 15 | Semester Hours | | 12 |
| | | | | | | | 120 |

***State of Texas Core Curriculum**

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