# Optimal Recommended Course Sequencing

## Freshman
- ENG 1301 – 3 hr
- HIST 1301 – 3 hr
- MATH 1314 – 3 hr
- Core-Life & Phys. Science – 3 hr
- PSCI 2301 – 3 hr
- ENG 1302 – 3 hr
- HIST 1302 – 3 hr
- MATH 1350 – 3 hr
- Signature Course – 3-6 hr *

Total 30 hr

## Sophomore
- Degree Pathway-BSIS or BAIS (consult catalog)-3-6 hr *
- Core- Creative Arts – 3 hr
- Core-Social/Behavioral Science – 3 hr
- ELED 1301 – 3 hr
- Core-Literature, Phil., Culture-3 hr
- MLED 314 – 3 hr
- SPED 346 – 3 hr
- MATH 1351 – 3 hr
- MATH 372 – 3 hr (spring only)

Total 30 hr

## Junior
- PSY 300 – 3 hr
- ELED 300 – 3 hr
- IS 351 – 3 hr
- MATH 301 – 3 hr (fall only)
- MATH 361 – 3 hr (fall only)
- MATH 362 – 3 hr (spring only)
- MATH 453 – 3 hr (spring/summer only)
- IS 352 or BSC 461 or ESCI 461 or IS 451 – 3 hr
- RDG 380 – 3 hr
- PSY 310 – 3 hr

Total 30 hr

## Senior
- MATH 380 – 3 hr (fall only)
- MLED 402 – 3 hr
- MLED 403 – 3 hr
- MLED 435 – 3 hr
- RDG 450 – 3 hr
- ELED 452 – 3 hr
- RDG 450 – 3 hr

Total 30 hr

**TOTAL HOURS: 120**

Consult catalog or advisor for any prerequisites, corequisites or other course requirements.

Students seeking a BAIS will be required to take 12 hours of a Foreign Language.

## Departmental Testing Requirements for Coursework

### ELED 300:
- Overall GPA of 2.50
- Texas Success Initiative (TSI) complete in Math, Reading, and Writing
- Any course co- or pre-requisite met

### RDG 380:
- Score 250 or higher on the RDG THEA; or 23 Composite and 23 English on the ACT; or 1070 Combined and 550 Critical Reading/Verbal on the SAT
- Overall GPA of 2.75
- Texas Success Initiative (TSI) complete in Math, Reading and Writing
- Any course co- or pre-requisite met

## All students must see a Curriculum & Instruction Academic Advisor

<table>
<thead>
<tr>
<th>Campus</th>
<th>Advisor’s Name</th>
<th>Advisor’s Email Address</th>
<th>Office</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commerce</td>
<td>Becky Adams</td>
<td><a href="mailto:Becky.Adams@tamuc.edu">Becky.Adams@tamuc.edu</a></td>
<td>Ed South 210</td>
</tr>
</tbody>
</table>
Department of Curriculum & Instruction 4-8 MATH Degree Guide

Use the tables below along with the recommended schedule on the reverse side, DegreeWorks and your advisor to keep track of your progress towards graduation.

### Core Curriculum

<table>
<thead>
<tr>
<th>Prefix and Number</th>
<th>Course Title/Category (Semester Hours)</th>
<th>Transfer Grade</th>
<th>TAMUC Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1301</td>
<td>College Reading and Writing (3 SH)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*ENG 1302</td>
<td>Written Argument and Research (3 SH)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*HIST 1301</td>
<td>US History to 1877 (3 SH)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*HIST 1302</td>
<td>US History from 1865 (3 SH)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1314</td>
<td>College Algebra (3 SH)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSCI 2301</td>
<td>Principles of US and Texas Government (3 SH)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSCI 2302</td>
<td>US and Texas Government: Institutions and Policies (3 SH)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multiple options †</td>
<td>Core-Literature, Philosophy &amp; Culture (3 SH)</td>
<td>†Consult university catalog</td>
<td></td>
</tr>
<tr>
<td>Multiple options †</td>
<td>Core-Social &amp; Behavioral Science (3 SH)</td>
<td>†Consult university catalog</td>
<td></td>
</tr>
<tr>
<td>Multiple options †</td>
<td>Core-Life &amp; Physical Science (3 SH)</td>
<td>†Consult university catalog</td>
<td></td>
</tr>
<tr>
<td>Multiple options †</td>
<td>Core-Life &amp; Physical Science (3 SH)</td>
<td>†Consult university catalog</td>
<td></td>
</tr>
<tr>
<td>Multiple options †</td>
<td>Core-Creative Arts (3 SH)</td>
<td>†Consult university catalog</td>
<td></td>
</tr>
<tr>
<td>Multiple options †</td>
<td>Degree Pathway-BSIS or BAIS (3-6 SH)</td>
<td>†Consult university catalog</td>
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</tr>
<tr>
<td>UNCO 1301</td>
<td>Component Area Option-Signature Course (3-6 SH)</td>
<td>†Consult university catalog</td>
<td></td>
</tr>
</tbody>
</table>

† http://catalog.tamuc.edu/undergrad/core-curriculum-requirements/

### Major/Certification/Professional Development Courses

Note: Students must maintain a 2.75 GPA with no grade below a “C” in all courses and each of the sections below.

<table>
<thead>
<tr>
<th>Prefix and Number</th>
<th>Course Title/Category (Semester Hours)</th>
<th>Transfer Grade</th>
<th>TAMUC Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>*IS 351</td>
<td>Inquiry: Knowledge and Skills of Science (3 SH)</td>
<td>N/A</td>
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</tr>
<tr>
<td>*IS 352 or *BSC 461 or *ESCI 461 or IS 451</td>
<td>Science Inquiry II or Biology for Middle School Teachers or Earth Science for Teachers or Historicial Development of Great Ideas in Science (3 SH)</td>
<td>N/A</td>
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</tr>
<tr>
<td>*MATH 1350</td>
<td>Topics in Mathematics for Elementary Teachers I (3 SH)</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>*MATH 1351</td>
<td>Topics in Mathematics for Elementary Teachers II (3 SH)</td>
<td>N/A</td>
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</tr>
<tr>
<td>SPED 346</td>
<td>Introduction to Exceptional Children (3 SH)</td>
<td>N/A</td>
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</table>

### Interdisciplinary Core Courses

<table>
<thead>
<tr>
<th>Prefix and Number</th>
<th>Course Title/Category (Semester Hours)</th>
<th>Transfer Grade</th>
<th>TAMUC Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>*MATH 301</td>
<td>Introductory Geometry (3 SH)</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>*MATH 361</td>
<td>Mathematical Modeling of Science for Middle School I (3 SH)</td>
<td>N/A</td>
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</tr>
<tr>
<td>*MATH 362</td>
<td>Mathematical Modeling of Science for Middle School II (3 SH)</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>*MATH 372</td>
<td>Mathematics Structures and Applications (3 SH)</td>
<td>N/A</td>
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<tr>
<td>*MATH 380</td>
<td>Mathematics History (3 SH)</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>*MATH 453</td>
<td>Essentials of Statistics (3 SH)</td>
<td>N/A</td>
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</table>

### Specialization Courses

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<thead>
<tr>
<th>Prefix and Number</th>
<th>Course Title/Category (Semester Hours)</th>
<th>Transfer Grade</th>
<th>TAMUC Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>**ELED 1301</td>
<td>Education in Global Society (3 SH)</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>**ELED 300</td>
<td>Introduction to Teaching (3 SH)</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>MLED 314</td>
<td>Young Adolescent Development (3 SH)</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>PSY 300</td>
<td>Learning Processes and Development (3 SH)</td>
<td>N/A</td>
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<tr>
<td>PSY 310</td>
<td>Psychology and Sociology of Diverse Populations (3 SH)</td>
<td>N/A</td>
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</tr>
<tr>
<td>**RDG 380</td>
<td>Comprehension and Vocabulary in Middle and High Schools (3 SH)</td>
<td>N/A</td>
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### Professional Development Courses

<table>
<thead>
<tr>
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<th>Course Title/Category (Semester Hours)</th>
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</thead>
<tbody>
<tr>
<td>**MLED 402</td>
<td>Best Practices in Pedagogy and Assessment (3 SH)</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>**MLED 403</td>
<td>Organization, Motivation and Management in Middle Level Classrooms (3 SH)</td>
<td>N/A</td>
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<tr>
<td>**MLED 435</td>
<td>Integrating Instruction: Science, Mathematics and Technology (3 SH)</td>
<td>N/A</td>
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<tr>
<td>RDG 450</td>
<td>Building a Community of Readers (3 SH)</td>
<td>N/A</td>
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<tr>
<td>**ELED 452</td>
<td>Student Teaching in Field-Based Teacher Education Programs (3 SH)</td>
<td>N/A</td>
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</table>

### Internship – Maximum of 4 hours can remain before beginning

<table>
<thead>
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<th>Prefix and Number</th>
<th>Course Title/Category (Semester Hours)</th>
<th>Transfer Grade</th>
<th>TAMUC Grade</th>
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<tbody>
<tr>
<td>MLED 404</td>
<td>Developing Communication Skills (3 SH)</td>
<td>N/A</td>
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<tr>
<td>MLED 410</td>
<td>Fostering School, Family, and Community Relationships (3 SH)</td>
<td>N/A</td>
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</tr>
<tr>
<td>**ELED 452</td>
<td>Student Teaching in Field-Based Teacher Education Programs (3 SH)</td>
<td>N/A</td>
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<tr>
<td>SPED 480</td>
<td>Issues for Inclusion (3 SH)</td>
<td>N/A</td>
<td></td>
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</tbody>
</table>

*Courses with pre- or co-requisite (controlled by registration system) – Please consult catalog and advisor for details
** Courses with registration restrictions – Must be authorized by course-offering department before registration