

**College of Education**  
**Bachelor of Science in Multidisciplinary Studies**  
**Course Completion Checklist**  
**Secondary Certification - Math**

Additional information at [techteach.ttu.edu](http://techteach.ttu.edu)

or

email questions to: [techteach@ttu.edu](mailto:techteach@ttu.edu)

**First Year**

| Fall Semester - 14 hours                    | Spring Semester - 14 hours                 |
|---|--|
| 1 EDTP 1100 Teach Like Your Hair is On Fire | 3 ENGL 1302 Advanced College Rhetoric      |
| 3 ENGL 1301 Essentials of College Rhetoric  | 3 HIST 2301 History of the US since 1877   |
| 3 POLS 1301 American Government             | 4 SCI CORE Life or Physical Science w/ Lab |
| 3 HIST 2300 History of the US to 1877       | 4 MATH 1452 Calculus II with Applications  |
| 4 MATH 1451 Calculus I with Applications    |  |

**Second Year**

| Fall Semester - 12 hours                       | Spring Semester - 16 hours                    |
|--|---|
| 3 ENGL 23xx Language Philosophy & Culture Core | 3 CA Creative Arts Core Elective              |
| 3 MCOM 2310 Business & Professional Comm.      | 3 EDCI 2301 The Education Effect or EPSY 2301 |
| 3 MATH 3371 Elements of Finite Mathematics     | 4 SCI CORE Life or Physical Science w/ Lab    |
| 3 POLS 2306 Texas Politics and Topics          | 3 EDSE 2300 Schools, Society, and Diversity   |
|  | 3 MATH 2360 Linear Algebra                    |

**NOTE: You Must Apply and Be Admitted to the TechTeach Program before registering for any of the coursework below:**

**\*\*\*Third Year**

| Fall Semester - 18 hours                            | Spring Semester - 18 hours                             |
|---|--|
| 3 EDSE 3300 Introduction to Teaching                | 3 EDML 3370 Reading Processes and Practices            |
| 3 EDTP 3301 Programs and Services for Special Pops. | 3 EDTP 4380 Literacy in the Content Areas              |
| 3 ESDE 4320 Instructional Methods                   | 3 EDTP 3304 Behavior Mgmt. in Gen. & Sp. Pops.         |
| 3 EDTP 3303 Foundations of Inclusion                | 3 EDTP 3305 Designing Assessments for Gen. & Sp.       |
| 3 MATH 3370 Advanced Geometry                       | 3 MATH 4000 Advanced Calculus II (see Advisor for CRN) |
| 3 MATH 4000 Advanced Calculus (see Advisor for CRN) | 3 MATH 4370 Elementary Problem Solving                 |

**Fourth Year**

| Fall Semester - 15 hours                        | Spring Semester - 13 hours                   |
|---|--|
| 3 EDML 4375 Integrated Math and Science Methods | 7 EDSE 4000 Student Teaching                 |
| 3 EDSE 4000 Student Teaching                    | 3 EDTP 4302 Advanced Methods                 |
| 3 EDIT 3318 Instructional Technology            | 3 FA Focus Area Course: BIL, LIT, STEM, AVID |
| 3 EDIT 2318 Computing and Info. Technology      |  |
| 3 FA Focus Area Course: BIL, LIT, STEM, AVID    |  |

**\*\*\*TEACHER EDUCATION PROGRAM ENTRY/COMPLETION REQUIREMENTS:**

\*Complete Admission Process for TechTeach

- Pass the Pre-Admission exam (PACE) *before* starting block coursework.
- Pass the TExES Content Exam #235 before block III.
- Pass PPR #160 to complete certification.

- All courses must receive a grade of C or higher.
- A minimum 2.75 GPA admission and graduation.
- Complete certification within 2 calendar years.
- Complete final 30 hours at Texas Tech.

The above are suggested guidelines for a timely degree completion. Students preferring a lighter course load may take courses in the summer terms. However, not all courses are offered in the summer. The courses in year three and four are the courses required for teacher certification. These courses must be taken in the sequence and term listed. Additionally, there is a full day of field experience with year three courses.

Science Options: Earth/Space: GEOG 1401, ATMO 1300/1100, GEOL 1303/1101, ASTR 1400 or 1401  
 Physical: PHYS 3400, PHYS 1401, CHEM 1305/1105  
 Life: PSS 2401, BIOL 1401 or 1402, GEOL 1303/1101