## Degree: Bachelor of Science | Major: Interdisciplinary Studies | Certification: 4-8 Mathematics/Science Composite

### CORE CURRICULUM  
**43 Hours**  
Certain Core courses are prerequisites for admittance into the Teacher Preparation Program as governed by the Office of Educator Preparation. See reverse for details and website information.

<table>
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<tr>
<th>Communication</th>
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<tbody>
<tr>
<td>(010) ENG 1310: College Writing I</td>
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<td>(010) ENG 1320: College Writing II</td>
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<tr>
<th>Mathematics</th>
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<tbody>
<tr>
<td>(020) MATH 2417: Pre-Calculus Mathematics</td>
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<td>(030) PHYS 1310: Elementary Physics I</td>
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<td>(030) PHYS 1320: Elementary Physics II</td>
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<tr>
<th>Language, Philosophy, and Culture</th>
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<tr>
<td>(040) PHIL 1305: Philosophy &amp; Critical Thinking (WI) OR PHIL 1320: Ethics &amp; Society (WI)</td>
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<tr>
<th>Creative Arts</th>
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<tr>
<td>(050) Select one course from: ART, DAN, MU, or TH 2313: Intro to Fine Arts</td>
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<thead>
<tr>
<th>American History</th>
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<tbody>
<tr>
<td>(060) HIST 1310: History of United States to 1877 (WI)</td>
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<td>(060) HIST 1320: Hist. of United States from 1877 (WI)</td>
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<tr>
<th>Government/Political Science</th>
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<tbody>
<tr>
<td>(070) POSI 2310: Principles of American Government</td>
<td></td>
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<tr>
<td>(070) POSI 2320: Functions of American Government</td>
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<tr>
<th>Social and Behavioral Sciences</th>
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<th>Component Area</th>
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<tr>
<td>(090) COMM 1310: Fund of Human Communication</td>
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### INSTITUTIONAL REQUIREMENT  
**1 Hour**  
US 1100: University Seminar (1-Hr Open Elec. if Exempt)

### PROFICIENCY: Foreign Language  
If two years of the same foreign language were not completed in high school, students must complete two semesters of the same foreign language at the college level to meet proficiency requirements.

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<td>Foreign Language Proficiency</td>
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**SEE REVERSE FOR BLOCK SEQUENCE INFORMATION**

### MAJOR: Interdisciplinary Studies  
**87-88 Hours**  
A 2.5 Major GPA is required to graduate, and all Major coursework must be completed with a grade of ‘C’ or better.

- PHYS 1110: Elementary Physics Lab
- BIO 1330: Functional Biology / BIO 1130: Lab
- BIO 1331: Organismal Biology / BIO 1131: Lab
- BIO 2410: Intermediate General Botany – Fall ONLY OR BIO 2411: Intermediate Zoology – Spring ONLY
- CHEM 1341: General Chemistry I / CHEM 1141: Lab
- CHEM 1342: General Chemistry II / CHEM 1142: Lab
- BIO 2450: Genetics
- BIO 4305: Nature Study – Fall ONLY OR BIO 4408: Science Proc. & Res. – Spring ONLY
- BIO 4402: Earth Science I – Fall ONLY
- BIO 4403: Earth Science II – Spring ONLY
- MATH 2311: Principles of Mathematics I
- MATH 2312: Informal Geometry
- MATH 2321: Calculus for Life Science I OR MATH 2471: Calculus I
- MATH 2331: Calculus for Life Science II OR MATH 2472: Calculus II
- MATH 2328: Elementary Statistics
- MATH 3315: Modern Geometry
- MATH 4302: Prin. of Mathematics II – Fall/Summer I ONLY
- MATH 4311: Intro. Hist. of Math (WI) – Fall/Summer II ONLY

### Courses below require a 2.75 Overall GPA and Junior Classification

#### Education Core [Semester One]
- CI 3310: Public Education in a Multicultural Society
- CI 3325: Adolescent Growth and Development

#### Additional (Floaten) Teacher Preparation Coursework
- SPED 4344: Educating Students with Mild Disabilities

In addition to a 2.75 Overall GPA and Junior Classification, the following courses require admittance to the Teacher Preparation Program prior to enrollment:

#### Field-Based Block One [Semester Two]
- (Prerequisite: Education Core)
  - RDG 3165: Assessing Literacy: EC-6
  - RDG 4310: Content Reading

#### Field-Based Block Two [Semester Three]
- (Prerequisite: Field-Based Block One)
  - CI 3300: Middle School Curriculum and Instruction (WI)
  - CI 4300: Middle Level Philosophy and Schooling (WI)

#### Student Teaching [Semester Four]
- (Prerequisite: All Coursework Complete)
  - EDST 4680: Student Teaching 4-8

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**Institutional Note:** See Undergraduate Catalog and Degree Audit for specific course requirements and block sequencing. Be sure to log in to the University of Texas at Austin's Undergraduate Advising System (UAWS) for current information. Undergraduate Advising Services is located on the second floor of Student Services Building (SSB) 201. If you need assistance with block sequencing, please call the Information Desk at 512-232-4415 or visit the Counseling Center at the Student Services Building. For additional help, visit Undergraduate Advising Services in SSB 232.

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**Certification:** 4-8 Mathematics/Science Composite

**Catalog Year:** 2016 (Effective Fall 2016)

**Total Hours:** 131 Credits

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**Important Note:** See Statements of Understanding sheet for additional notes regarding course sequencing and program requirements.

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**Degree Requirements:** See Undergraduate Catalog for Residency, GPA, and Graduation with Honors requirements.

**Writing Intensive Hours:** 9 Hours of designated Writing Intensive (WI) coursework must be completed in-residence with Texas State.

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**02/17/16 JK**
4th – 8th GRADE MATH/SCIENCE COMPOSITE CERTIFICATION

PREREQUISITES
Regardless of catalog year, students are held to current academic policies and course prerequisites, which are subject to change. Updated course prerequisites are listed in the Undergraduate Catalog online at: http://mycatalog.txstate.edu.

ADMITTANCE TO THE TEACHER PREPARATION PROGRAM
In addition to declaration of the major, students must apply and be admitted to the Teacher Preparation Program in order to enroll in Block coursework beyond the Education Core. Among criteria for admittance is a 2.75 minimum Overall GPA. The application and criteria for admittance are available on the Office of Educator Preparation’s (OEP) website: http://www.education.txstate.edu/oep/

TEACHER PREPARATION COURSE SEQUENCE
The Education Core classes may be completed alongside other degree coursework and provide the student with an introduction to the teaching profession. After completing the Education Core, students admitted to the Teacher Preparation Program become eligible to enroll in the Field-Based Blocks, referred to as 'blocks' because of their integrated curriculum. The Field-Based Blocks provide students with opportunities to gain classroom experience before the Student Teaching semester, prior to which all other coursework must be completed.

Once enrolled in the Education Core, students will need to apply through the ePortfolio system each semester for future block placements. These applications are not competitive but are reviewed on a first-come, first-served basis. Block applications are typically opened several weeks before the opening of advanced registration, with a late block application posted after registration has begun. Exact dates for block application availability can be found on the Department of Curriculum and Instruction’s (C&I) website: http://www.education.txstate.edu/ci/. Once submitted, students will receive confirmation of their placement generally by the first day of early registration or, in the case of late block applications, as processed by the Department.

SEMESTER ONE: Education Core (CI 3310, CI 3325) – Fall / Spring
Additional courses may be completed with the Education Core.
- Students should have completed most of their Core Curriculum, Support, and Major courses before enrolling in the Education Core
- Confirm prerequisite standing before enrolling in the education sequence to avoid future required science coursework/block sequence conflicts
- Students in the Education Core should apply to the Teacher Preparation Program and for placement in the next semester's Field-Based Block One

SEMESTER TWO: Field-Based Block One (RDG 3315, RDG 4310) – Fall / Spring
Additional courses may be completed with the Field-Based Block. Field observation is required.
- Students completing the Field-Based Block One should apply for placement in the next semester's Field-Based Block Two

SEMESTER THREE: Field-Based Block Two (CI 3300, CI 4300) – Fall / Spring
Additional courses may be completed with the Field-Based Block. Field observation is required.
- In order to gain Student Teaching placement for the following semester, students in their second 4-8 Field-Based Block semester should follow instructions from the Office of Educator Preparation
- BIO 4305: Nature Study or BIO 4408: Science Processes and Research should be taken only in the long semester immediately preceding EDST 4680: Student Teaching

SEMESTER FOUR: Student Teaching (EDST 4680) – Fall / Spring
Student Teaching is taken alone in the final semester, after all other coursework has been completed. Field observation is required.
- To avoid having Student Teaching placement dropped, students must clear any Tentatives with the Office of Educator Preparation by the deadline
- Students must attend a mandatory Student Teaching Meeting at the start of the semester to review expectations, policies, and procedures
- Students should submit a Graduation Application online by the deadline stated on the Academic Calendar

IMPORTANT NOTES
- School districts will conduct background checks for students enrolling in field experiences and Student Teaching and have the right to deny any person entry to schools based on those results. Discuss any concerns with the Office of Educator Preparation
- The Field-Based Blocks and Student Teaching semesters are unpaid experiences that take place at public schools outside of the Texas State campus and are integral requirements for graduation in this program. Students are responsible for obtaining transportation to school placements. Transportation and/or financial challenges are not justification for having these requirements waived or altered
- Reasonable and appropriate accommodations may be provided in field placements for students with documented disabilities who are registered with the Office of Disability Services. Accommodations cannot pose an undue burden to the University or the field placement. Students are responsible for disclosing disabilities and requesting accommodations as far in advance of the field placement as possible so that accommodations can be coordinated in a timely manner
- Teacher Certification will be issued by the Texas Education Agency and is contingent upon graduation (completion of degree requirements including Student Teaching and awarding of degree by Texas State’s Registrar’s Office), passing score on required TExES exams, and certification application
- In order to achieve timely degree progress, the Math and Science sequences of coursework should be prioritized. Specifically, CHEM 1341/1141, CHEM 1342/1142, BIO 1330/1130, BIO 1331/1131, and MATH 2321 OR MATH 2471 should be completed as early as possible
- Some upper-level Biology and/or Mathematics courses required in this program have limited offerings and are scheduled on a rotational basis (fall only or spring only). Students are encouraged to meet with an academic advisor on a regular basis to ensure appropriate advance planning and to make adjustments to their long-range plans if necessary

Students are responsible for knowing and fulfilling all University, College, Major, and Certification requirements and should refer to the Texas State Undergraduate Catalog for additional information. Students are also encouraged to consult with Academic Advisors to ensure thorough understanding of all degree and graduation requirements

Member the Texas State University System”

02/17/16 JK