Interdisciplinary Studies (INDE), BS
Grades 4-8 Mathematics with ESL Teacher Certification
Department of Teacher Education & Administration
2019 - 2020 Catalog Year

Degree Requirements & Information

- **Minimum Grades:** Grade of C or above in all required courses.
- **UNT GPA:** Minimum 2.000 GPA on all course work at UNT.
- **GPA (All Courses):** Minimum 2.000 GPA, UNT and transfer hours included (minimum 2.750 GPA for Admission to Teacher Education).
- **Advanced Hours:** Minimum of 42 advanced hours (3000/4000 level courses); at least 24 advanced hours earned in residence at UNT.
- **Total Hours:** Minimum of 120 total hours; at least 30 hours (25% of total hours) earned in residence at UNT.
- **Elective Hours:** There are 3 elective hours for this degree.
- **Excess Hours:** Certain credit hours taken in addition to the specific requirements for the degree are Excess Hours. Excessive hours can affect the cost of tuition ([registrar.unt.edu/registration/excessive-hours](registrar.unt.edu/registration/excessive-hours)) and/or Financial Aid eligibility ([financialaid.unt.edu/sap](financialaid.unt.edu/sap)).
- **Minor:** There is no minor for this degree.
- **Course Requisites:** Courses in *italics* have prerequisites and/or require permission to enroll. Prerequisites appear in the UNT Catalog ([catalog.unt.edu](catalog.unt.edu)) course descriptions. Class Details for courses viewed at [my.unt.edu](my.unt.edu) include prerequisites and permission requirements.

University Core Curriculum

- **University Core GPA:** Minimum 2.750 GPA required in completed University Core.
- **Best Choices:** Specific courses *recommended* in some core categories. Students may elect to take other courses listed under the University Core Curriculum to fulfill these requirements.
- **Required:** Courses that "double-dip" to fulfill program requirements for your degree are *required* (shaded grey) in some Core categories. Students who elect to take courses other than the required course(s) will incur Excess Hours.

<table>
<thead>
<tr>
<th>Core Category, Hours</th>
<th>Recommended/Required Course</th>
<th>Other Course Fulfills Core</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication, 6 hours</td>
<td>ENGL 1310 <em>Best Choice</em></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Mathematics, 3 hours</td>
<td>ENGL 1320 <em>Best Choice</em></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Life &amp; Physical Sciences, 6 hours</td>
<td>MATH 1350, 1650, or 1710 <em>Required in CRC/Academic Major</em></td>
<td></td>
<td>(3-5)</td>
</tr>
<tr>
<td>Creative Arts, 3 hours</td>
<td>Choose from core list.</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Language, Philosophy &amp; Culture, 3 hours</td>
<td>ENGL 2210 or ENGL 2220 <em>Best Choice</em></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>American History, 6 hours</td>
<td>HIST 2610</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Government/Political Science, 6 hours</td>
<td>PSCI 2305</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Social &amp; Behavioral Sciences, 3 hours</td>
<td>PSCI 2306</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Component Area Option (CAO), 6 hours</td>
<td>MATH 1720 <em>Required in Academic Major</em></td>
<td></td>
<td>(3)</td>
</tr>
<tr>
<td>Option A</td>
<td>Additional core <em>Life &amp; Physical Sciences Required in CRC</em></td>
<td></td>
<td>(3)</td>
</tr>
<tr>
<td>Option A OR B</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

University Core Hours: 33

Certification Requirement Courses (CRC)

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course</th>
<th>Course Notes</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics for Elementary Education I</td>
<td>MATH 1350</td>
<td>Core: Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics for Elementary Education II</td>
<td>MATH 1351</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Life &amp; Physical Sciences, 6 hours (in addition to the core)</td>
<td>Choose from Life &amp; Physical Sciences core list.</td>
<td>Core: Life &amp; Physical Sciences or CAO</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Choose from Life &amp; Physical Sciences core list.</td>
<td>Core: Life &amp; Physical Sciences or CAO</td>
<td>3</td>
</tr>
</tbody>
</table>

CRC Hours: 12
Academic Major GPA: Minimum 2.750 GPA required in completed Academic Major.

- TNTX courses require enrollment assistance from the TNT Office: (940)565-2265, Curry Hall 323, tnt@unt.edu

### Academic Major

#### Course Title

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Notes</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TTXN 1100 (1hr)</td>
<td>Freshman or Sophomore classification</td>
<td>3</td>
</tr>
<tr>
<td>TTXN 1200 (2hrs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TTXN 1300 (3hrs)</td>
<td>Junior or Senior classification</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Pre-Calculus

- MATH 1650
- Core: Mathematics
- 5

#### Calculus I

- MATH 1710
- Core: Mathematics
- 4

#### Calculus II

- MATH 1720
- Core: CAO
- 3

#### Elementary Probability & Statistics on Applied Statistics

- MATH 1680 or MATH 3680
- Core: Mathematics (MATH 1680)
- 3

#### Mathematics Courses, 6 hours

- MATH 1580, 2000, 2100, 2700, 2730, or any math course numbered above MATH 1720.
- Core: Mathematics (MATH 1580)
- 3

#### Educational Aspects of Exceptional Learners

- EDS 3210
- 3

#### Principles of Language Study

- LING 3060
- 3

#### Foundations of Bilingual & ESL Education

- EDBE 3470
- 3

#### Bilingualism/Multiculturalism: Issues & Perspectives

- EDBE 3480
- 3

#### *Conceptual Algebra and Geometry

- TTXN 3100
- 3

#### Professional Issues in Teaching

- EDBE 3800
- 3

#### *Knowing & Learning in Math, Science & Computer Science

- EDCI 3500
- 3

#### *Classroom Interactions

- EDCI 4000
- 3

#### Content Area Reading in Secondary Schools

- EDCI 4060
- 3

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### Admission to Teacher Education (TED)

- TED admission is required to enroll in all courses listed below this section.

1. For admission to TED, a student must have on record in the COE-SA:
   - □ 60+ earned credit hours (JR/SR Classification); □ Appropriate ACT or SAT scores, or TSI completion;
   - □ 2.75+ GPA (All Courses); □ Approved Interview Questionnaire email, go to [coe.unt.edu/tedinterview](http://coe.unt.edu/tedinterview) for directions;
   - □ 2.75+ GPA in completed University Core; □ Official degree audit (in progress or completed) in the COE-SA, and active enrollment at UNT.

2. Once all six (6) requirements above are complete, schedule an appointment to submit an Application for Admission to UNT's Teacher Education Program.

3. A formal Offer of Admission letter is provided at the appointment or sent to your EagleConnect. UNT's offer must be accepted within 72 hours of delivery.

4. Once the offer letter is accepted and on record in the COE-SA, enrollment in TED courses is permitted during a valid enrollment period.

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### Cross-Curricular Literacy Materials & Resources

- EDRE 4870
- 3

### Curriculum & Assessment for Bilingual/ESL Education

- EDBE 4470
- 3

### Teaching ESL EC-12: Instructional Strategies & Resources

- EDBE 4490
- 3

### *PBI in Math, Science & Computer Science

- EDCI 4500
- 3

### *Teaching Mathematics in Grades 4 – 8

- EDBE 4351
- 3

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### Academic Major Hours: 66

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### Student/Apprentice Teaching

#### Course Title

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Notes</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDBE 4103</td>
<td>Graded Pass/No Pass</td>
<td>3</td>
</tr>
<tr>
<td>EDBE 4104</td>
<td>Graded Pass/No Pass</td>
<td>3</td>
</tr>
</tbody>
</table>

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### Student/Apprentice Teaching Hours: 6

### Total Hours: 120

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### *EDCI & TNTX Course Sequence

1. Option 1: TTXN 1100 required during initial UNT semester, TTXN 1200 required during second UNT semester.
2. Option 2: TTXN 1300 required during initial UNT semester.
3. EDCI 4000
4. EDBE 4350 and EDBE 4351
5. Student/Apprentice Teaching: EDBE 4103 and EDBE 4104

*EDCI 4351: Fall semesters, only; required Fall semester preceding Student/Apprentice Teaching.

- **Spring** Student/Apprentice Teaching: requires EDBE 4351 and EDBE 4350 concurrently the Fall semester preceding Student/Apprentice Teaching.
- **Fall** Student/Apprentice Teaching: requires EDBE 4351 and EDBE 4350 concurrently the Fall semester preceding Student/Apprentice Teaching, followed by EDBE 4350 the Spring semester preceding Student/Apprentice Teaching.

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Student Advising Office          Matthews Hall 105          940.565.2736          www.coe.unt.edu/sao

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This information is for advising purposes only, and is not official. The Texas Higher Education Coordinating Board can change requirements without notification.

University and degree requirements can differ based on the Catalog Year. Students must have an official Degree Audit prepared by the Student Advising Office (SAO).