# LANGUAGE ARTS MINOR

**Credit Hours:** 32-33

**MTTC Subject Test:** #90

- **ENGL 1100** Literary Interpretation; (pre-req: ENGL 1050 with “B” or better);
- **ENGL 3820** Lit, for the Young Child; (pre-req: 26+ hrs); Area II
- **ENGL 3830** Lit, Intermediate Reader; (pre-req: ENGL 1100);
- **ENGL 3690** Writing; Requires “CB” or better
- **LS 3770** Literacy/Lang I; (pre or co-req: ED 3090 or 3100); Requires “CB” or better
- **LS 3780** Literacy/Lang II; (pre-req: LS 3770); Requires “CB” or better
- **ED 4300** Creativity in the Classroom; (pre-reqs: LS 3780; 6 hrs. in Fine arts); Requires “CB” or

**Area A:** Select one course:

See next page for course options

**Area B:** Select one course:

See next page for course options

**Total Minor Credits Completed:** 32-33

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# MATH MINOR

**Credit Hours:** 23

**MTTC Subject Test:** #89

- **MATH 1500** Number Concepts; (pre-req: MATH 1100/placement); Requires “B” or better
- **MATH 1510** Geometry; (pre-req: MATH 1500 with “B” or better); Requires “B” or better
- **MATH 2650** Probability & Stats; (pre-req: MATH 1500 with “B” or better); Requires “B” or better
- **MATH 3520** Teaching Math; (pre-req: MATH 1510; 2650 – both with “B” or better); Requires “B” or better
- **MATH 5531** Number Systems / Proportional Reasoning for Middle Grades Teachers; (pre-reqs: MATH 1500; 1510; 2650 – all with “B” or better); Requires “C” or better; **Fall only**
- **MATH 5540** Functions and Modeling for Middle Grades Teachers; (pre-reqs: MATH 3520 with “B” or better; 5531 with “C” or better); Requires “C” or better; **Spring only**

**Total Minor Credits Completed:** 23

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# INTEGRATED SCIENCE

**Credit Hours:** 29

- **BIOS 1700** Life Science for Non-Majors
- **BIOS 2700** Everyday Biology: Cells
- **CHEM 2800** Active Chemistry
- **CHEM 1100/1110** General Chemistry I with Lab; (pre-req: MATH 1110 or placement; Area VI
- **GEOG 1900** Exploring Earth Science: The Atmosphere
- **GEOS 2900** Earth Systems: Issues & Applications
- **PHYS 1800** Physics: Inquiry and Insights
- **PHYS 1040/1030** Sky & Solar System; (pre-req: Math 1100 or placement)
- **ED 4010** Teaching Elementary School Science; (pre-reqs: ED 3090 or 3100; all science courses); must complete with “CB” or better

**Total Minor Credits Completed:** 29
**LANGUAGE ARTS MINOR COURSE ELECTIVES**

**MUST COMPLETE COURSES WITH “C” GRADE OR BETTER**

♦  Area A and ● Area B Course Options

<table>
<thead>
<tr>
<th>♦ Area A</th>
<th>Select one course from the following:</th>
<th>TRAN/SUB/GRADE</th>
<th>CR HR</th>
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<tbody>
<tr>
<td>ENGL 2220</td>
<td>Lit/Cultures U.S.; Area III</td>
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<td>4</td>
</tr>
<tr>
<td>ENGL 2230</td>
<td>Black American Lit; Area III</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>ENGL 4840</td>
<td>Multi-Cultural Amer Lit; Area III; (pre-req: ENGL 3820 or 3830)</td>
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<td>4</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>● Area B</th>
<th>Select one course from the following:</th>
<th>TRAN/SUB/GRADE</th>
<th>CR HR</th>
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<tbody>
<tr>
<td>TEL 5200</td>
<td>Linguistic Principles for ESL and Bilingual Education</td>
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<td>3</td>
</tr>
<tr>
<td>ENGL 3770</td>
<td>Lang/Learning Multilingual; (pre-req: ENGL 3690)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>ENGL 4720</td>
<td>Language Variation in American English</td>
<td></td>
<td>4</td>
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