# Western Michigan University

## College of Education and Human Development

### Elementary/Middle Minors

### Delta College Transfer Guide

#### Language Arts Minor (32-33 Credit Hours- MTTC Subject Test #90)

**Notes:**
- 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); 

**Part of EL ED**

- *ENGL 3690 Writing; Requires “CB” or better

**Part of EL ED**

- *LS 3770 Literacy/Lang I; (pre or co-req: ED 3090 or 3100); Requires “CB” or better

**Part of EL ED**

- *LS 3780 Literacy/Lang II; (pre-req: LS 3770); Requires “CB” or better

**Part of EL ED**

- *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

#### Math Minor (23 Credit Hours- MTTC Subject Test #89)

**Notes:**
- 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

**Part of EL ED**

- 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

#### Integrated Science (29 Credit Hours- MTTC Subject Test #93)

**Notes:**
- 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
- GEOS 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

### Area A
Select one course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>TRAN/SUB/GRADE</th>
<th>CR HR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2220 Lit/Cultures U.S.; Area III</td>
<td>ENG 269 or 274</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 2230 Black American Lit; Area III</td>
<td>ENG 277 or 278</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 4840 Multi-Cultural Amer Lit; Area III; <em>(pre-req: ENGL 3820 or 3830)</em></td>
<td></td>
<td>4</td>
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</tbody>
</table>

### Area B
Select one course from the following:

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