# WESTERN MICHIGAN UNIVERSITY 

## College of Education and Human Development <br> Elementary/Middle Majors

Southwestern Michigan College Transfer Guide

| INTEGRATED SCIENCE CONTENT MAJOR (40 Credit Hours- MTTC Subject Test \#93) MUST COMPLETE COURSES WITH A "C" OR BETTER UNLESS OTHERWISE NOTED |  |  | ISEJ |
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| NOTES | REQUIRED COURSES | TRAN/SUB/GRADE | CR HR |
| Part of EL ED | BIOS 1700 Life Science for Non-Majors |  | 3 |
|  | BIOS 2700 Everyday Biology: Cells |  | 3 |
| Part of EL ED | CHEM 2800 Active Chemistry |  | 3 |
|  | CHEM 1100/1110 General Chemistry I with Lab; (pre-req: MATH 1110 or placement; Area VI ) | CHEM 101 | 4 |
| Part of EL ED | GEOG 1900 Exploring Earth Science: The Atmosphere |  | 3 |
| Part of EL ED | GEOS 2900 Earth Systems: Issues \& Applications |  | 3 |
|  | GEOS 2000 Evolution of Life - A Geological Perspective; 4 credits; Area VI |  | 4 |
|  | GEOS 3220 Ocean Systems |  | 3 |
| Part of EL ED | PHYS 1800 Physics Inquiry and Insights |  | 3 |
|  | PHYS 1000 How Things Work; 4 credits; Area VI |  | 4 |
|  | PHYS 1040/1030 Introduction to the Sky \& Solar System; (pre-req: Math 1100 or placement) |  | 4 |
| Part of EL ED | ED 4010 Teaching Elementary School Science; (pre-reqs: ED 3090 or 3100; all science courses); must complete with "CB" or better |  | 3 |
|  | Total Major Credits Completed |  | 40 |


| LANGUAGE ARTS CONTENT MAJOR (32-34 Credit Hours- MTTC Subject Test \#90) MUST COMPLETE COURSES WITH A "C" OR BETTER UNLESS OTHERWISE NOTED |  |  | WMLJ |
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| NOTES | REQUIRED COURSES | TRAN/SUB/GRADE | CR HR |
|  | ENGL 1100 Literary Interpretation; Area I; (pre-req: ENGL 1050 with a grade of " $B$ " or better) | ENGL 201 or 224 | 4 |
| Part of EL ED | ENGL 3820 Literature for the Young Child, Area II; (pre-req: 26 + hours) |  | 4 |
|  | ENGL 3830 Literature for the Intermediate Reader; Area II (pre-req: ENGL 1100) |  | 4 |
|  | ENGL 4790 Writing in the Secondary School; (pre-reqs: two 3000-level English courses that count toward the major) |  | 4 |
|  | ENGL 4800 Teacher Literature in the Secondary School; (pre-reqs: two 3000-level English major courses); contact CEHD advising to register for this class |  | 4 |
|  | LS 5160 Professional Symposium in Reading |  | 3 |
|  | LS 5100 Diversity in Literacy, Language, and Learning; (pre-req: LS 3780 with a grade of "C" or better) |  | 3 |
|  | Area A Electives: Choose one <br> ENGL 2220 Literatures and Cultures of the United States; Area III; 4 cr. <br> ENGL 2230 African American Literature; Area III; 4 cr. <br> ENGL 4840 Multi-Cultural American Literature for Children; Area III; (pre-reqs: 16 hours of course work in English, including ENGL 3820 or ENGL 3830); 4 cr. <br> SPAN 2750 Latina Writing/Latino Culture; Area III; 3 cr. | ENGL 235 only for ENGL 2220 | 3-4 |
|  | Area B Electives: Choose one <br> ENGL 3740 Language in the Elementary School; (pre-req: ENGL 3690 ); 3 cr. <br> ENGL 3770 Language and Learning in Multilingual Classrooms; (pre-req: ENGL 3690); 3 cr. <br> ENGL 4720 Language Variation in American English; 4 cr. <br> TEL 5200 Linguistic Principles for ESL and Bilingual Education; (pre-req: 56+ hrs.); 3 cr |  | 3-4 |
| Total Major Credits Completed |  |  | 32-34 |


| MATH CONTENT MAJOR (33 Credit Hours- MTTC Subject Test \#89) MINIMUM GPA OF 2.5 MUST BE OBTAINED IN MAJOR |  |  | MHEJ |
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| NOTES | REQUIRED COURSES | TRAN/SUB/GRADE | CR HR |
| Part of EL ED | MATH 1500 Number Concepts; (pre-req: MATH 1100/placement); Requires " ${ }^{\text {B " or better }}$ | MATH 153 | 4 |
| Part of EL ED | MATH 1510 Geometry; (pre-req: MATH 1500); Requires "B" or better | MATH 154 | 4 |
| Part of EL ED | MATH 2650 Probability \& Stats; (pre-req: MATH 1500); Requires " $B$ " or better |  | 4 |
| Part of EL ED | MATH 3520 Teaching Math; (pre-reqs: MATH 1510; 2650); Requires " $B$ " or better |  | 3 |
| See Elementary Math advisor before taking | 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; |  | 4 |
|  | 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; |  | 4 |
|  | MATH 5550 Fundamentals of Calculus; (pre-req: MATH 5540 with " $C$ " or better) |  | 4 |
|  | MATH 5501 Teaching Middle School Mathematics; (pre-req: MATH 5540 with "C" or better); Requires "C" or better; Fall only |  | 3 |
|  | MATH 5511 Computing Technology in Middle School Mathematics (pre-reqs: MATH 5501; 5550 - both with "C" or better); Spring only |  | 3 |
|  | Total Major Credits Completed |  | 33 |


| SOCIAL STUDIES CONTENT MAJOR (37 Credit Hours- MTTC Subject Test \#105) MUST COMPLETE COURSES WITH A "C" OR BETTER UNLESS OTHERWISE NOTED |  |  | WMLJ |
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| NOTES | REQUIRED COURSES | TRAN/SUB/GRADE | CR HR |
| Part of EL ED | ANTH 1200 Peoples of the World; Area IV |  | 3 |
| Part of EL ED | ECON 1000 Economics for Elementary Education (sp/su I) |  | 3 |
| Part of EL ED | GEOG 1020 World Geography through Media and Maps; Area V |  | 3 |
|  | GEOG 2440 Economic Geography; Area V (sp) |  | 3 |
| Part of EL ED | HIST 2100 American History to 1877; Area III OR HIST 3100 <br> History as Mystery | HIST 201 | 3 |
| Part of EL ED | HIST 2110 American History since 1877; Area III OR <br> HIST 3103 The United States in the Nineteenth Century to the Gilded Age; (pre-req HIST 2900 with a grade of "C" or better or instructor approval) | HIST 202 | 3 |
| Part of EL ED | HIST 3020 World History to 1500; Area IV |  | 3 |
|  | HIST 3030 World History since 1500; Area IV |  | 3 |
|  | HIST 3290 Michigan History (sp) OR GEOG 3110 Geography of Michigan |  | 3 |
| Part of ELED | PSCI 2000 National Government; Area III | POSC 201 | 3 |
|  | PSCI 2020 State and Local Government OR SOC $\mathbf{3 0 4 0}$ Nonwestern World; Area IV (sp/sum I) |  | 4 |
| Part of EL ED | ED 4070 Teaching Elementary Social Studies; (pre-req ED 3090 or ED 3100 with a grade of "CB" and twelve hours of social science courses) |  | 3 |
| Total Major Credits Completed |  |  | 37 |

