## MAJOR: SECONDARY PROVISIONAL CERTIFICATION
DEGREE: BACHELOR OF SCIENCE IN EDUCATION (BS in ED)

<table>
<thead>
<tr>
<th>Jackson College</th>
<th>Credits</th>
<th>Central Michigan University Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Requirements – Competencies</strong> (Require a grade of “C” or higher)</td>
<td></td>
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</tr>
<tr>
<td>ENG 131 Writing Experience I</td>
<td>3</td>
<td>ENG 101 Freshman English</td>
</tr>
<tr>
<td>ENG 132 Writing Experience II</td>
<td>3</td>
<td>ENG 201 Intermediate English</td>
</tr>
<tr>
<td>COM 231 Communication Fundamentals OR COM 234 Public Address Mathematics</td>
<td>3</td>
<td>COM 101 Introduction to Communication OR COM 357 Public Speaking</td>
</tr>
<tr>
<td>Quantitative Reasoning Writing Intensive</td>
<td></td>
<td>Satisfied by MATH courses listed below</td>
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<tr>
<td>Six credits waived if MTA or MACRAO is satisfied. The remaining 6 must be completed at CMU</td>
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### General Education – University Program Requirements:
All MTA applicable courses require a grade “C” or higher
EN 101 (or one of its approved equivalencies) OR ENG 201, require a grade of “B” or higher

| Group I Humanities (6 – 8) from at least 2 subjects |
| MACRAO: Requires 8 hours – MTA: Requires 2 courses |
| Select from the following: Art 111, 112; ENG 210, 236, 246, 247, 249, 252, 254, 255, 257; FRN 131, 132; GER 131, 132; HIS 120, 131, 132; HUM 131; MUS 130, 131, 132, 151, 152; PHL 231, 232, 243; SPN 131, 132, 231, 232 | 6 – 8 | Various Humanities Course Credit |

| Group II Natural Sciences (4 – 8) from at least 2 subjects |
| MACRAO: Requires 8 hours (Math + Natural Science)-MTA: Requires 2 courses |
| At least one course must be a lab science |
| Select from the following: BIO 110, 132, 140, 158, 161, 162, 220, 231, 232, 253, 254; CEM 131, 132, 141, 142; BEL 109, 160; NSC 131; PHY 131, 150, 151, 231, 232, 251, 252 | 4 - 8 | Various Natural Sciences Course Credit |

| Group III Social Sciences (6 – 8) from at least 2 subjects |
| MACRAO: Requires 8 hours – MTA: Requires 2 courses |
| PLS 141 American National Government | 3 | PSC 105 Introduction to American Government and Politics |
| PSY 140 Introduction to Psychology | 3 | PSY 100 Introduction to Psychology |
| **MACRAO Only:** Select PSY 252 as third option |

| Group IV Studies in Culture and Diversity |
| Mathematics (3 – 4): |
| MACRAO: Requires 8 hours (Math + Natural Science) - MTA: Requires 1 course |
| Select from the following: MAT 133, 135, 139, 141, 151, 154, 254 |
| Note: MAT 133 will transfer to CMU as a quantitative reasoning (QR) course. Students may not use the same course to meet math competency and QR competency at CMU. | 3 - 4 | Various Mathematics Course Credit |

| Major or Degree Related Transferable Courses: EDU 107 or one of its approved equivalencies requires a grade of “B” or higher |
| EDU 221 Exploring Teaching | 3 | EDU 107 Introduction to Teaching |
| PSY 252 Developmental Psychology | 3 | Subs for HDF 100 Lifespan Development |

### General Notes
- It is strongly recommended that transfer students contact CMU early in their college career to ensure proper course sequencing for their major, optimizing course scheduling, and timely degree completion at CMU. CMU College of Education & Human Services 989.774.3309.
- A grade of C- or better is required for a course to transfer.
- A bachelor’s degree requires a minimum of 124 semester hours of credit. CMU will accept community college transfer credits beyond the recommended 64 semester hours; however students will need to complete a minimum of 60 semester hours from an accredited 4-year-degree granting institution. A minimum of 40 hours must be completed at the 300 level or above. A minimum of 30 semester hours of credit must be earned from CMU.
- The University Program Requirements and competencies may be fulfilled by students who satisfy the MACRAO Agreement or the MTA
- Students are required to meet CMU Competency Requirements prior to reaching 56 credit hours. Competency requirements consist of: two Written English (composition) courses, one Oral English (communication) course, and one Mathematics course be completed with a grade of “C” or above.

Any remaining required and elective courses for a bachelor’s degree will be selected in consultation with an academic advisor to ensure that CMU degree requirements are being met.

Effective Bulletin Year: 2016 – 2017
### Major or Degree Related Courses to be Completed at CMU

#### DEGREE REQUIREMENTS

| Human Development (3 hours) | EDU 325 Middle Lev. & High Sch. Teach. Methods (3) |
| HDF 100 may be satisfied at JC with PSY 252 | EDU 432 Student Teaching Seminar (3) |

| Professional Education Requirements (34 hours) | EDU 450 Content Area Literacy (3) |
| EDU 107 may be satisfied at JC with EDU 121 | EDU 458 Student Teaching (1 – 10) |
| EDU 290 Technology in Education (3) | EDU 495 Foundations of Education (3) |
| EDU 310 Psychological Foundations of Education (3) | SPE 504 Teaching Students in Inclusive Settings (3) |

**Note:** EDU 458 is required for 10 credit hours on this degree.

### Specialized Studies: Select one of the following options

#### Majors

Select one of the following:
- Biology Major
- Chemistry Major
- Chemistry-Physics Major
- Earth Science Major
- English Major: Secondary
- French Major
- Geography Major
- German Major
- History Major
- Integrated Science Major (No minor required)
- Mathematics Major
- Physical Education Major
- Physics Major
- School Health Education Major
- Social Studies Major: Geography Concentration 6-12 (requires a History Major or Minor)
- Social Studies Major: Political Science Concentration 6-12 (requires a History Major or Minor)
- Spanish Major
- Speech Major
- Speech Major: Broadcast & Cinematic Arts Emphasis
- Visual Arts Education Major (No minor required)

#### Minors

Select one of the following:
- Biology Minor, Teaching Secondary
- Chemistry Minor, Teaching
- Earth Science Minor, Teaching
- English as A Second Language Minor, Teaching
- English Minor, Teaching Secondary
- Geography Minor, Teaching
- History Minor, Teaching Secondary
- Mathematics Minor, Teaching Secondary
- Physical Education Minor, Secondary or Non-Teaching
- Physics Minor, Teaching
- School Health Education Minor, Teaching
- Speech Minor, Teaching Secondary
- Middle Level Education Minor, Teaching

#### Option 1 (Major and Minor)

One Major and One Minor

#### Option 2: Choice 1 (Two Majors)

Major Group I: Select One Major AND Major Group II: Select One Major

#### Option 1: Choice 2 (Major and 2 Minors)

Major Group I: Select One Major AND Select Two Minors. Minor Options:
- Option A: One minor from Minor Group I and One minor from Minor Group II
- Option B: Two minors from Minor Group I

#### Option 2: Choice 2 (Major and 2 Minors)

Major Group I: Select One Major AND Select Two Minors. Minor Options:
- Option A: One minor from Minor Group I and One minor from Minor Group II
- Option B: Two minors from Minor Group I

### Majors in Special Education:

Students are highly encouraged to seek early special education advising to determine options for meeting Michigan Department of Education Highly Qualified requirements.

#### Majors I

Select one of the following:
- Special Education Major: Teachers of Students with Cognitive Impairment
- Special Education Major: Teachers of Students with Emotional Impairment

#### Majors II

Select one of the following:
- Biology Major
- Chemistry Major
- Chemistry-Physics Major
- Earth Science Major
- English Major: Secondary
- French Major
- Geography Major
- German Major
- History Major
- Integrated Science Major
- Mathematics Major
- Physics Major
- Physical Education Major
- School Health Education Major
- Social Studies Major: Geography Concentration 6-12 (requires a History Minor)
- Social Studies Major: Political Science Concentration 6-12 (requires a History Minor)
- Spanish Major
- Speech Major
- Speech Major: Broadcast & Cinematic Arts Emphasis
- Visual Arts Education Major

### Minors

Select one of the following:
- Biology Minor, Teaching Secondary
- Chemistry Minor, Teaching
- Earth Science Minor, Teaching
- English as A Second Language Minor, Teaching
- English Minor, Teaching Secondary
- Geography Minor, Teaching
- History Minor, Teaching Secondary
- Mathematics Minor, Teaching Secondary
- Physical Education Minor, Secondary or Non-Teaching
- Physics Minor, Teaching

### Minor I

Select one of the following:
- School Health Education Minor, Teaching
- Speech Minor, Teaching Secondary

### Minor II

Select one of the following if only one is chosen in Minor I:
- School Health Education Minor, Teaching
- Speech Minor, Teaching Secondary

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**MAJOR/MINOR COURSES:** These courses should be selected from transferable Jackson College courses to apply to CMU major/minor options. Please note the list of allowable CMU majors and minors for Elementary Education in the current CMU Bulletin at [https://bulletins.cmich.edu/](https://bulletins.cmich.edu/). See Bachelor of Science in Education—Secondary Provisional Certification. Students intending to major or minor in Mathematics should review the CMU Bulletin to identify prerequisite courses that can be completed prior to transfer.
Completion of this degree will qualify a student for recommendation to the Michigan State Board of Education for a Secondary Provisional Certificate, which will permit the holder to teach the major and minor in the secondary grades.

Majors in School Health Education (HSC) and Physical Education (PES) will qualify for recommendation for a Secondary Provisional Certificate, permitting the holder to teach the major in grades K-12 and an additional minor in grades 6-12.

Visual Arts Education (ART) will qualify for recommendation for a Secondary Provisional Certificate, permitting the holder to teach the major in grades K-12, and no minor is required.

Majors in Spanish (SPN), French (FRN), and German (GER) will qualify for recommendation for a Secondary Provisional Certificate, permitting the holder to teach their major in the secondary grades. K-12 Majors in World Languages (SPN/FRN/GER) require additional hours of coursework.

Majors in Special Education (SPE) will qualify for recommendation for a Secondary Provisional Certificate, permitting the holder to teach students with emotional or cognitive impairment in grades K-12 and additional subjects based on second major or minor selections. Early advisement is critical to understanding Highly Qualified requirements.

ADMISSION TO TEACHER EDUCATION at CMU:  https://www.cmich.edu/colleges/ehs/unit/css/Pages/Admission.aspx

ACT and Professional Readiness Exam Registration Information
Professional Readiness Exam (#096) is a test of reading, mathematics, and writing skills required of all teaching candidates in Michigan. There are four paper-based testing dates each calendar year. Check online for the computer-based testing dates. Registration for the test must be completed several weeks in advance of the test date. Students preparing for Admission need to select a test date so that the results will be received prior to the deadline for the admission date you have selected. If you have any questions about the timing of your test date, you should contact the Center for Student Services' Office (CSS), 989-774-3309.

ACT and MME scores can be uses in lieu of PRE scores. Retaking the ACT is highly recommended. www.actstudent.org

Process for Accepting ACT/MME Scores in Lieu of PRE
ACT and/or MME scores must be received and on file in the Center for Student Services (CSS) prior to the desired admission date. Please be aware that each section (Reading, Math, and Writing) must record a passing score to be eligible for admission to CMU’s education program, whether the passing section is from the PRE, ACT or MME. ACT data from 1989 forward may be used. MME data from March 2007 through January 2015 may be used.

The following table describes what minimum scores can be accepted:

<table>
<thead>
<tr>
<th>ACT Score Equivalencies</th>
<th>MME Score Equivalencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics 22</td>
<td>Mathematics 1116</td>
</tr>
<tr>
<td>Reading 22</td>
<td>Reading 1108</td>
</tr>
<tr>
<td>Combined English + Writing 22</td>
<td>Writing 1129</td>
</tr>
</tbody>
</table>