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

<table>
<thead>
<tr>
<th>Henry Ford College</th>
<th>Credits</th>
<th>Central Michigan University Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 131 Introduction to College Writing</td>
<td>3</td>
<td>ENG 101 Freshman English</td>
</tr>
<tr>
<td>ENG 132 College Writing and Research</td>
<td>3</td>
<td>ENG 201 Intermediate English</td>
</tr>
<tr>
<td>SPC 131 Fundamentals of Speaking</td>
<td>3</td>
<td>COM 101 Introduction to Communication</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td><strong>3</strong></td>
<td>Satisfied by MATH courses listed below</td>
</tr>
<tr>
<td><strong>Quantitative Reasoning</strong></td>
<td></td>
<td>Satisfied by MATH 141, PHYS 131, 231 or at CMU</td>
</tr>
<tr>
<td>Writing Intensive</td>
<td></td>
<td>Six credits waived if MTA or MACRAO is satisfied. The remaining 6 must be completed at CMU</td>
</tr>
</tbody>
</table>

| Group I Humanities (6 – 8) from at least 2 subjects | | |
| MACRAO: Requires 8 hours – MTA: Requires 2 courses | | |

| 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 | | |
| Choose one course from each area. Courses may not be double counted | | |
| AREA 1: ASTR; ATMS; BIO; CHEM (except 091 & 095); GEOL; PHYS; SCI | 4 – 8 | Various Natural Sciences Course Credit |
| AREA 2: ASTR 131 & 133; BIO 110, 131, 134, 135, 141, 143, 150, 152, 233, 234, 251, 261, 262; CHEM 111, 131, 132, 141, 142, 151, 220; GEOL 131; PHYS 120, 121, 131, 132, 133, 231, 232, 233; PSCI 131; SCI 160 | | |

| Group III Social Sciences (6 – 8) from at least 2 subjects | | |
| MACRAO: Requires 8 hours – MTA: Requires 2 courses | | |
| POLS 131 Introduction to American Government and Political Science | 3 | PSC 105 Introduction to American Government and Politics |
| PSY 131 Introduction to Psychology | 3 | PSY 100 Introduction to Psychology |
| MACRAO Only: Select PSY 251 as third course | | |

| Group IV Studies in Culture and Diversity | | |
| Mathematics (3 – 4): | | |
| MACRAO: Requires 8 hours (Math + Natural Science) - MTA: Requires 1 course | | |
| Select from MATH 115, 131, 141, 150, 153, 175, 183, 275, 280, 283, 289 | 3 – 4 | Various Mathematics Course Credit |
| **Note:** MATH 141 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. Students should plan to take an additional math or QR course at CMU | | |

### Major or Degree Related Transferable Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 251 Life Span Development</td>
<td>3</td>
<td>Subs for HDF 100 Lifespan Development</td>
</tr>
</tbody>
</table>

### 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:** 2017 – 2018

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**Central Michigan University**
Admissions: Warriner Hall 102 | Mount Pleasant, MI 48859 | 1-888.292.5366 Toll Free

Central Michigan University (CMU) is an AA/EO institution, providing equal opportunity to all persons, including minorities, females, veterans and individuals with disabilities. (see cmich.edu/aaeo) UComm 9063
### Major or Degree Related Courses to be Completed at CMU

#### DEGREE REQUIREMENTS

<table>
<thead>
<tr>
<th>Human Development (3 hours)</th>
<th>EDU 325 Middle Lev. &amp; High Sch. Teach. Methods (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDF 100 may be satisfied at HFC with PSY 251</td>
<td>EDU 432 Student Teaching Seminar (3)</td>
</tr>
<tr>
<td><strong>Professional Education Requirements (34 hours)</strong></td>
<td>EDU 450 Content Area Literacy (3)</td>
</tr>
<tr>
<td>EDU 107 Introduction to Teaching (3)</td>
<td>EDU 458 Student Teaching (1 – 10)</td>
</tr>
<tr>
<td>EDU 290 Technology in Education (3)</td>
<td>EDU 495 Foundations of Education (3)</td>
</tr>
<tr>
<td>EDU 310 Psychological Foundations of Education (3)</td>
<td>SPE 504 Teaching Students in Inclusive Settings (3)</td>
</tr>
</tbody>
</table>

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

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

### Option 1 (Major and Minor)
One Major and One Minor

**Majors**
- Select one of the following:
  - Biology Major
  - Chemistry Major
  - Earth Science Major
  - English Major: Secondary
  - 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)
  - 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
  - History Minor, Teaching Secondary
  - Mathematics Minor, Teaching Secondary
  - Mathematics Minor, Teaching Non-Teaching
  - Physical Education Minor, Secondary or Non-Teaching
  - Physics Minor, Teaching
  - School Health Education Minor, Teaching

### 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.

**Option 2: Choice 1 (Two Majors)**
Major Group I: Select One Major AND Major Group II: Select One Major

**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
  - Earth Science Major
  - English Major: Secondary
  - History Major
  - Integrated Science Major
  - Mathematics Major
  - Physical Education Major
  - Physics 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)
  - Visual Arts Education 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

**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

**Minors I**
- Select one or two 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
  - History Minor, Teaching Secondary
  - Mathematics Minor, Teaching Secondary
  - Physical Education Minor, Secondary or Non-Teaching
  - Physics Minor, Teaching

**Minors II**
- Select one of the following if only one is chosen in Minors II:
  - School Health Education Minor, Teaching

**MAJOR/MINOR COURSES:** These courses should be selected from transferable Henry Ford 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 used 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</td>
<td>Mathematics</td>
</tr>
<tr>
<td>22</td>
<td>1116</td>
</tr>
<tr>
<td>Reading</td>
<td>Reading</td>
</tr>
<tr>
<td>22</td>
<td>1108</td>
</tr>
<tr>
<td>Combined English + Writing</td>
<td>Writing</td>
</tr>
<tr>
<td>22</td>
<td>1129</td>
</tr>
</tbody>
</table>