### MAJOR: ELEMENTARY STANDARD CERTIFICATE
### DEGREE: BACHELOR OF SCIENCE IN EDUCATION (BS in ED)

<table>
<thead>
<tr>
<th>Alpena Community College</th>
<th>Credits</th>
<th>Central Michigan University Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Requirements – Competencies</td>
<td></td>
<td>(Require a grade of “C” or higher)</td>
</tr>
<tr>
<td>ENG 111 English Comp I or ENG 121 Advanced English Comp I</td>
<td>3</td>
<td>ENG 101 Freshman Composition</td>
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<tr>
<td>ENG 112 English Comp II or ENG 122 Advanced English Comp II</td>
<td>3</td>
<td>ENG 201 Intermediate Composition</td>
</tr>
<tr>
<td>Oral Communication Mathematics</td>
<td></td>
<td>Satisfied by SPE 121 or 123 or 126 (see below)</td>
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<tr>
<td>Quantitative Reasoning Written Intensive</td>
<td></td>
<td>Satisfied by mathematics courses listed below</td>
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<td></td>
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<td>Satisfied by CEM 111 (see below)</td>
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#### General Education – University Program Requirements:
All MTA applicable courses require a grade “C” or higher

ENG 101 (or one of its approved equivalencies) OR ENG 201, require a grade of “B-” or higher

### Group I Humanities

**MTA requires 2 courses from 2 different subjects**
Select one of the following courses:
- SPE 121 Speech Communications
- SPE 123 Public Communications
- SPE 126 Oral Interpretation of Literature

Select additional courses from the following: ART 246; ASL 121, 122; ENGL 203, 204, 221, 222, 223, 224, 242, 244; FRN 121, 122; GER 123, 124; HST 121, 122; HUM 110, 114, 210, 241, 242; MUS 110, 120, 125, 126, 228, 229; PHL 125, 225, 228; SPN 125, 126

**Group II Natural Sciences**

**MTA requires 2 courses from 2 different subjects**
At least one course must be a lab science
- BIO 114 Introduction to Biological Science
- CEM 111 General Chemistry

**Group III Social Sciences**

**MTA requires 2 courses from 2 different subjects**
- HST 222 United States History
- PLS 221 Political Science

**Group IV Studies in Culture and Diversity**

Waived if MTA is satisfied

**Mathematics**

MTA requires 1 course
Select from the following: MTH 121, 122, 123, 130, 131, 132, 223, 231, 232

**Note:** MTH 223 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.

### Major or Degree Related Transferable Courses: EDU 107 or one of its approved equivalencies requires a grade of “B” or higher

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<tbody>
<tr>
<td>EDU 121 Introduction to Education</td>
<td>3</td>
<td>EDU 107 Introduction to Teaching</td>
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<tr>
<td>MTH 111 Math for Elementary Teachers I</td>
<td>3</td>
<td>MTH 151 Math for Elementary Teachers I</td>
</tr>
<tr>
<td>MTH 117 Math for Elementary Teachers II</td>
<td>3</td>
<td>MTH 152 Math for Elementary Teachers II</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 888.774.3309.
- A grade of C- or better is required for a course to transfer.
- A bachelor’s degree at CMU requires a minimum of 120 - 124 semester hours of credit. Some majors or degrees will require more. CMU will accept community college transfer credits beyond the recommended 60 - 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 30 semester hours of credit must be earned from CMU. A minimum of 40 hours must be completed at the 300 level or above.
- **The University Program Requirements and competencies, other than Writing Intensive competencies, may be fulfilled by students who satisfy the MTA.** Students are required to meet the following CMU Competency Requirements with a “C” or above prior to reaching 56 credit hours: two Written English (composition) courses, one Oral English (communication) course, and one Mathematics.

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.
### DEGREE REQUIREMENTS (56 - 59)

**PLANNED PROGRAM/COMPREHENSIVE MAJOR (45)**

Note: Many of the courses in the Planned Program/Comprehensive Major double count in the University Program and in majors and minors.

- ART 345 Art in the Elementary School (2)
- AST 165 Foundations of Astronomy (1)
- *BIO 165 substituted with BIO 114 taken at Alpena*
- *CHM 265QR substituted with CEM 111 taken at Alpena*
- ENG 315WI Teaching Writing in Elementary/Middle Schools (4)
- ENG 381WI Children’s Literature (3)
- GEO 120QR Environmental Geography (3)
- *GEO 350 substituted with HST 222 taken at Alpena*
- HSC 343 Health Education in the Elementary School (2)
- HST 210WI United States History through Michigan Eyes (3)
- *MTH 151 may be satisfied at Alpena with MTH 111*
- *MTH 152 may be satisfied at Alpena with MTH 117*
- MUS 330 Music for Elementary Classroom Teachers (2)
- PES 310 Physical Education for the Classroom Teacher (2)
- PHS 265QR Quantitative Physical Science (2)
- *PSC 105 satisfied at Alpena with PLS 221*
- SCI 165 Earth Systems Science for Elementary Teachers (3)

### PROFESSIONAL EDUCATION SEQUENCE REQ. (38)

All of the courses below (except EDU 107 and HDF 100) require students to be admitted to the teacher education program. Students cannot continue in the education program until each previous EDU course is completed with a C+ or better. EDU 432 and EDU 458 may be taken at any point after the course prerequisites are met.

- *EDU 107 satisfied at Alpena with EDU 121*
- EDU 330 Reading in the Elementary School (3)
- EDU 380WI Pre-Student Teaching (10)
- EDU 393 Learning Theory in Elementary Education (3)
- EDU 432 Student Teaching Seminar (3)
- EDU 458 Student Teaching (10)
- HDF 100 Lifespan Development (3)
- SPE 504 Teaching Students in Inclusive Settings (3)

Note: For main campus students, all of these courses except EDU 432 and EDU 458 are offered in cohort blocks and must be taken in a specific order. In order to proceed to the next cohort block of classes, all EDU courses in the previous block must be successfully completed with a grade of C+ or better. Read carefully the section on Standards leading to Teacher Certification for additional requirements.

* Transferable courses from ACC Specialized Studies

<table>
<thead>
<tr>
<th>Option 1 – Choice 1</th>
<th>Option 1 – Choice 2</th>
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</thead>
<tbody>
<tr>
<td><strong>Select 1 Major</strong></td>
<td><strong>Select 2 Minors</strong></td>
</tr>
<tr>
<td>Early Childhood Development and Learning</td>
<td>Integrated Science</td>
</tr>
<tr>
<td>Integrated Science</td>
<td>Language Arts</td>
</tr>
<tr>
<td>Language Arts</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Reading in the Elementary Grades</td>
</tr>
<tr>
<td>Social Studies Major: Geography Concentration</td>
<td><strong>Option 2</strong></td>
</tr>
<tr>
<td>Social Studies Major: History Concentration</td>
<td><strong>Select 1 Minor</strong></td>
</tr>
<tr>
<td>Special Education: Cognitive Impairment</td>
<td>Early Childhood Development and Learning</td>
</tr>
<tr>
<td>Special Education: Emotional Impairment</td>
<td>English as A Second Language Minor, Teaching</td>
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</table>

**MAJOR/MINOR COURSES:** These courses should be selected from transferable Alpena Community 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—Elementary 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.

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

Contact Undergraduate Admissions at cmuadmit@cmich.edu for major related course information and or explore [http://cmich.edu/transfer](http://cmich.edu/transfer), CMU’s Transfer Equivalency Tool and CMU’s Transfer Simulation Tool.

Effective Bulletin Year: 2018 - 2019

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**CENTRAL MICHIGAN UNIVERSITY**

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cmuadmit@cmich.edu | [http://admissions.cmich.edu](http://admissions.cmich.edu)

CMU is an AA/EO institution, providing equal opportunity to all persons, including minorities, females, veterans and individuals with disabilities. (see cmich.edu/aae) UComm 9063