### MAJOR: GENERAL EDUCATION – MTA/MACRAO

#### DEGREE: BACHELOR OF ARTS, BACHELOR OF APPLIED ARTS, BACHELOR OF SCIENCE

<table>
<thead>
<tr>
<th>Alpena Community 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 &quot;C&quot; or higher)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 111 or ENG 121 English</td>
<td>3</td>
<td>ENG 101 Freshman Composition</td>
</tr>
<tr>
<td>ENG 112 or ENG 122 English</td>
<td>3</td>
<td>ENG 201 Intermediate Composition</td>
</tr>
<tr>
<td>Oral Communication</td>
<td></td>
<td>Satisfied by SPE 121 or 123 or 126 (see below)</td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
<td>Satisfied by mathematics courses listed below</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td></td>
<td>Satisfied by MTH 223; PHY 121, 221 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>
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</table>

**General Education – University Program Requirements**

All MTA applicable courses require a grade "C" or higher

- **Group I Humanities (6 – 8) from at least 2 subjects**
  - MACRAO: Requires 8 hours – MTA: Requires 2 courses
  - 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; ENG 203, 204, 221, 222, 223, 224, 229, 242, 244; FRN 121, 122; GER 123, 124; HST 121, 122; HUM 110, 114, 110, 210, 241, 242; MUS 110, 120, 125, 126, 228, 229; PHL 125, 225, 228; SPN 125, 126

- **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 courses: BIO 110, 114, 129, 229, 140, 161, 162, 200, 201, 203, 228; CEM 100, 111, 112, 121, 122, 221, 222, 223, 127; HST 121, 122, 123, 124, 125, 126, 151, 152; HST 121, 122, 221, 222, 224, 225, 227, 228; PLS 221, 222, 228, 230; PHY 111, 112, 114, 116, 121, 201, 210, 221, 222, 223, 224, 225, 226, 227, 228, 230, 231, 232

- **Group III Social Sciences (6 – 8) from at least 2 subjects**
  - MACRAO: Requires 8 hours – MTA: Requires 2 courses
  - Select courses from the following subjects: ANP 121, 229, 239, 240, 257; BIO 110, 114, 129, 229, 140, 161, 162, 200, 201, 203, 228; CEM 100, 111, 112, 121, 122, 221, 222, 223, 127; HST 121, 122, 123, 124, 125, 126, 151, 152; HST 121, 122, 221, 222, 224, 225, 227, 228; PLS 221, 222, 228, 230; PHY 111, 112, 114, 116, 121, 201, 210, 221, 222, 223, 224, 225, 226, 227, 228, 230, 231, 232
  - Select from the following: BIO 110, 114, 129, 229, 140, 161, 162, 200, 201, 203, 228; CEM 100, 111, 112, 121, 122, 221, 222, 223, 127; HST 121, 122, 123, 124, 125, 126, 151, 152; HST 121, 122, 221, 222, 224, 225, 227, 228; PLS 221, 222, 228, 230; PHY 111, 112, 114, 116, 121, 201, 210, 221, 222, 223, 224, 225, 226, 227, 228, 230, 231, 232

- **Group IV Studies in Culture and Diversity**
  - Waived if MTA/MACRAO is satisfied

- **Mathematics (3 – 4):**
  - MACRAO: Requires 8 hours (Math + Natural Science) - 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.

| Mathematics | 3 – 5 | Various Mathematics Course Credit |

<table>
<thead>
<tr>
<th>MACRAO</th>
<th>Minimum Requirements</th>
<th>MTA</th>
<th>Minimum Requirements</th>
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</thead>
<tbody>
<tr>
<td>ENG 111 or 121</td>
<td>3 Credits</td>
<td>1 Course</td>
<td></td>
</tr>
<tr>
<td>ENG 112 or 122</td>
<td>3 Credits</td>
<td>1 Course</td>
<td></td>
</tr>
<tr>
<td>Humanities</td>
<td>8 Credits</td>
<td>2 Courses</td>
<td></td>
</tr>
<tr>
<td>Social Sciences</td>
<td>8 Credits</td>
<td>2 Courses</td>
<td></td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>Natural Sciences + Mathematics equal at least 8</td>
<td>2 Courses (1 must be a lab science)</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>Natural Sciences + Mathematics equal at least 8</td>
<td>1 Course</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL CREDITS</strong></td>
<td>30 Credits</td>
<td>30 Credits Minimum</td>
<td></td>
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</tbody>
</table>

### Important 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.
- University Program requirements can be fulfilled by completing MACRAO or MTA, verified with a transcript stamped MACRAO Satisfied or MTA Satisfied.
- CMU competencies, except Quantitative Reasoning, may be fulfilled by completing equivalent courses for ENG 101, ENG 201, MTH 107 or higher, and COM 101 or 357 with a C or higher. QR requirements may be fulfilled at CMU.
- Credit for 6 hours of Writing Intensive coursework will be awarded by completing MACRAO or MTA, verified with a transcript stamped MACRAO Satisfied or MTA Satisfied. The remaining 6 must be completed at CMU.
# Central Michigan University Competency and University Program Course Requirement Information

## COMPTENCIES (24)
- Writing Competency (18)
  - ENG 101 Freshman Composition (3)
  - ENG 201 Intermediate Composition (3)
  - Writing Intensive (12)

## Quantitative Reasoning (3)
- May be satisfied at Bay with MATH 210, PHYS 201 or PHYS 205 or take QR course at CMU

## Oral English Competency (3)
- Select one of the following: COM 101, 267, 269, 357, TAI 170, 302

## UNIVERSITY PROGRAM (UP) REQUIREMENTS (27)

### Group I – Humanities (6)
- IA – Human Events and Ideas (3)
- IB – The Arts (3)

### Group II – Natural Sciences (6)
- IIA – Descriptive Sciences (3)
- IIB – Quantitative and Mathematical Sciences (3)

### Group III – Social Sciences (6)
- IIIA – Behavioral Sciences (3)
- IIIB – Studies in Social Structures (3)

### Group IV – Studies in Global Cultures and Diversity (6)
- IVA – Bulletins prior to Fall 2014 only
- IVB – Studies in Global Cultures (3)
- IVC – Studies in Racism & Cultural Diversity in the US (3)

## UP Elective (3)

### General Notes
- 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.

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 the CMU’s Transfer Simulation Tool.

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