### General Education Requirements – Competencies

| ENGL 101 Rhetoric and Composition | 3 | ENG 101 Freshman Composition |
| ENGL 102 Research Writing | 3 | ENG 201 Intermediate Composition |
| COMM 104 Public Speaking Mathematics | 3 | COM 357 Public Speaking |
| Quantitative Reasoning Writing Intensive | Satisfied by MATH courses listed below |

Satisfied by MATH courses listed below: 210, 201, 205 or TAKE AT CMU

Six credits waived if MTA or MACRAO is satisfied. The remaining 6 must be completed at CMU

### 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 from the following: ANTH 201; ARTS 163, 204, 207; COMM 201, 225; ENGL 150, 200, 203, 205, 208, 209, 210, 211, 280/281/282; FREN 111, 112; GRMN 101, 102; HIST 101, 102; HSER 150; MUSC 153; PHIL 201, 202, 203, 204, 230; SPAN 101, 102, 205; WGST 200 Studies

| ENGL 101 Rhetoric and Composition | 3 | ENG 101 Freshman Composition |
| ENGL 102 Research Writing | 3 | ENG 201 Intermediate Composition |
| COMM 104 Public Speaking Mathematics | 3 | COM 357 Public Speaking |
| Quantitative Reasoning Writing Intensive | 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 one of the following options:

- CHEM 103 Essential Chemistry
- CHEM 110 General Chemistry I (Requires CHEM 112)
- CHEM 103 Essential Chemistry

Select additional courses from:


MACRAO: Requires 2 courses

| CHEM 131 General Chemistry I | 5 |
| CHM 120 Survey of Chemistry & 127 Introductory Chemistry Lab | 4 |
| Various Natural Sciences Course Credit | 0 – 4 |

#### Group III Social Sciences (6 – 8) from at least 2 subjects

MACRAO: Requires 8 hours – MTA: Requires 2 courses

Select one of the following:

- ANTH 201; ECON 120, 131, 132; EDUC 202; GEOG 102, 121, 125, 126; HIST 101, 102, 211, 222, 220, 224, 228, 232; LEAD 200; PHIL 230; POLI 110, 111, 201, 262; PSYC 201, 206, 210, 220, 280; SOCY 103, 151, 205, 206, 207, 208; WGST 200

MACRAO Only: Select PSYC 220 as a third course

| PSY 100 Introduction to Psychology | 3 |
| Various Social Sciences Course Credit | 3 – 6 |

#### Group IV Studies in Culture and Diversity

MACRAO: Requires 8 hours (Math + Natural Science) - MTA: Requires 1 course

Select one of the following:

- MATH 107, 110, 111, 141, 142, 210, 243, 244, 250

**Note:** MATH 210 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

| Various Mathematics Course Credit | 3 – 5 |

#### Major or Degree Related Transferable Courses

| BIOL 100 Evolution & Diversity | 4 |
| BIOL 112 Cells & Molecules | 4 |
| CHEM 112 General Chemistry II (Requires CHEM 110) | 4 |
| CHEM 101 Organic Chemistry I | 4 |
| CHEM 202 Organic Chemistry I | 2 |
| CHEM 202 Organic Chemistry II | 2 |
| Students who transfer CHEM 201 AND 202 to CMU | Credit |
| MATH 210 Introduction to Statistics | 3 |
| PSYC 220 Developmental Psychology | 3 |

### Central Michigan University

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

cmuadmit@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/aaeoo) UComm 9063
## COURSE RECOMMENDATIONS BASED ON PA PROGRAMS ADMISSIONS REQUIREMENTS

### Anatomy with Associated Lab
Select one of the following:
- HSC 214 satisfied at Bay College with BIOL 213
- BIO 337 Comparative Vertebrate Anatomy (4)

### Biochemistry
Select one of the following:
- CHM 421 Survey of Biochemistry (3)
- CHM 425 Introductory Biochemistry (3)

### Biology & Genetics
- BIO 111 satisfied at Bay College with BIOL 110
- BIO 112 satisfied at Bay College with BIOL 112
- BIO 211 Foundations of Genetics

### Chemistry
Select one of the following options:
- **Option 1:** CHM 131 satisfied at Bay College with CHEM 110
  - CHM 132 satisfied at Bay College with CHEM 112
- **Option 2:** CHM 120 satisfied at Bay College with CHEM 103
  - CHM 127 satisfied at Bay College with CHEM 103

### Developmental Psychology
- PSY 100 satisfied at Bay College with PSYC 201
- PSY 220 satisfied at Bay College with PSYC 220

### Mathematics: (Requires Algebra and Trigonometry)
- MTH 130 Precalculus (4)

### Microbiology
Select one of the following:
- BIO 208 Microbiology (consult with CMU academic advisor)
- BIO 320 Biology of Bacteria

### Pathophysiology
- HSC 411 Pathophysiology (3)

### Physiology with Associated Lab
Select one of the following:
- HSC 215 satisfied at Bay College with BIOL 214
- BIO 392 Mammalian Physiology (4)

### Statistics
- STA 282Q satisfied at Bay College with MATH 210

### Microbiology
- Select one of the following:
  - HSC 544 Biostatistics and Epidemiology (3)
  - BIO 500 Biological Statistics (3)

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All Physician Assistant programs are highly competitive, limited enrollment Graduate degree programs.

## ADMISSIONS TO CMU PA PROGRAM

To be considered for admission into CMU’s PA Program, students must have completed or be in the final stages of completing an undergraduate degree, the prerequisite course requirements, a minimum of 100 paid direct patient care hours, and the Graduate Record Exam (GRE).

For additional information regarding Physician Assistant, please see [http://www.cmich.edu/chp](http://www.cmich.edu/chp)

### 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.

Effective Bulletin Year: 2017 – 2018

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[CENTRAL MICHIGAN UNIVERSITY](http://www.cmich.edu)

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

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