

Transfer Credit Guide

This guide is subject to change and should be used in consultation with an academic advisor.



MACRAO TRANSFER AGREEMENT

will be replaced by the Michigan Transfer Agreement (MTA) **effective prior to Fall 2014.**

MICHIGAN TRANSFER AGREEMENT (MTA)

The MTA replaces the MACRAO Agreement **effective Fall 2014 and beyond.**

This distribution of courses fulfills the MACRAO Transfer Agreement and will satisfy the University Program portion of the CMU bachelors' degree for students who started following the MACRAO Transfer Agreement at their Michigan community college **prior to Fall 2014.** Please see your community college Registrar and request to have your transcript reviewed and designated as "MACRAO Satisfied". *Students may elect to follow the MTA.*

English Composition: 6 Semester Credits
Two Written Communication courses

Science/Math: 8 Semester Credits
One Science course with a lab
Intermediate and/or College Algebra, and/or Geometry

Humanities: 8 Semester Credits
A minimum of 8 hours from at least two different disciplines

Social Sciences: 8 Semester Credits
A minimum of 8 hours from at least two different disciplines

Minimum hours required to complete MACRAO Agreement: 30

This distribution of courses fulfills the MTA and will satisfy the University Program portion of the CMU bachelors' degree at CMU for students who begin attending a Michigan community college **beginning Fall 2014.** Please see your community college Registrar and request to have your transcript reviewed and designated as "MTA Satisfied". Only courses with a grade of "C" or better may be applied to the MTA requirements.

Communication: 2 Courses
One Written Communication course
One Written or Oral Communication course

Natural Sciences: 2 Courses
Two natural science courses from two different disciplines. One course must be a lab science course.

Humanities and Fine Arts: 2 Courses
Two humanities courses from two different disciplines (excluding studio and performance classes)

Social Sciences: 2 Courses
Two social science courses from two different disciplines

Mathematics: 1 Course
One entry-level college course as defined by the three pathways.

Minimum hours required to meet MTA: 30

An official transcript that is designated as being "MACRAO Satisfied" or "MTA Satisfied" will have satisfied the University Program portion of the General Education Requirements. A portion or all of the Competency Requirements may also be satisfied by an official transcript designating MACRAO Satisfied" or "MTA Satisfied".

Central Michigan Writing Intensive & Quantitative Reasoning Requirements

Effective Fall 2014, CMU has implemented a Writing Intensive (12 semester hours) and Quantitative Reasoning requirement (3 semester hours). Please note that these requirements are for both transfer and incoming Freshman students.

Any Michigan community college student transferring to CMU with their transcript designated as "MACRAO Satisfied" or "MTA Satisfied" will be given six (6) semester hours of Writing Intensive course work. The remaining six (6) semester hours **must** be completed at CMU. The Quantitative Reasoning requirement may be satisfied through transfer credit.

General Notes

- A grade of C- or better is required for a course to transfer.
- CMU will accept community college transfer credits beyond the recommend 64 semester hours, however students will need to complete a minimum of 60 semester hours from an accredited 4-year-degree granting institution
- 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. A bachelor's degree requires a minimum of 124 semester hours of credit. A minimum of 30 semester hours of credit must be earned from CMU

CENTRAL MICHIGAN UNIVERSITY

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

cmuadmit@cmich.edu | <http://admissions.cmich.edu>

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Northwestern Michigan College	CMU Equivalents	Central Michigan University Pre-Professional Studies – Requires selection of a major Pre-Medicine and Osteopathy
<p>GENERAL EDUCATION REQUIREMENTS (30 – 32) Composition (8) ***/***/ENG 111 English Composition I (4) ***/***/ENG 112 English Composition II (4)</p> <p>Group I Humanities: (6 – 8) Select hours from the Northwestern Michigan College Group 1 Courses for MACRAO (p.2) or MTA for Humanities Area for course options. MACRAO requires at least 8 credits from two subjects MTA requires two courses from two subjects***</p> <p>Group II Social Sciences: (6 – 8) PSY 101 Introduction to Psychology (3) SOC 101 Introduction to Sociology (3) Select hours from the Northwestern Michigan College Group 1 Courses for MACRAO (p.2) or MTA for Social Sciences Area for course options. MACRAO requires at least 8 credits from two subjects MTA requires two courses from two subjects***</p> <p>Group III Natural Sciences: (24 - 30) Select one of the following: BIO 110 Essential Biology (4) BIO 115/I Cell, Plant, & Ecosystem Biology (4) BIO 208 Microbiology (4) CHM 150 General Chemistry I (5) CHM 151 General Chemistry II (5) CHM 250 Organic Chemistry I (5) CHM 251 Organic Chemistry II (5) Students who transfer CHM 250 and CHM 251 to CMU will receive credit for CHM 349 Select one of the following options: Option 1: PHY 121 General Physics I (4) PHY 122 General Physics II (4) Option 2: PHY 221 Problems & Principles of Physics I (5) PHY 222 Problems & Principles of Physics II (5) MACRAO requires at least 4 credits from one lab science course. MTA requires two courses from two subjects. At least one must be a lab science course.</p> <p>Mathematics: (8) ***/***/MTH 122 College Trigonometry (3) ***/***/MTH 141 Calculus I (5)</p> <p>CMU Competency Course Requirement (4) *COM 111 Public Speaking (4)</p>	<p>ENG 101 ENG 201</p> <p>Various Humanities Course Credits</p> <p>PSY 100 SOC 100 Various Social Science Course Credit</p> <p>BIO 110 & Lab BIO 110 & Lab BIO 208 & Lab CHM 131 & Lab CHM 132 & Lab CHM 345 & Lab CHM 346 & Lab</p> <p>PHY 130QR & 170 PHY 131 & 171</p> <p>PHY 145QR & 175 PHY 146 & 176</p> <p>MTH 106 MTH 132</p> <p>COM 357</p>	<p>PRE-REQUISITE COURSE RECOMMENDATIONS (59) BIOLOGY/HEALTH SCIENCE BIO 110 Concepts of Biology (4) BIO 208 Microbiology (3) BIO 324 Cell Biology (3) BIO 326 Genetics (4) BIO 392 Mammalian Physiology (4)</p> <p>CHEMISTRY CHM 131 General Chemistry I (4) CHM 132 General Chemistry II (4) CHM 345 Organic Chemistry I (3) CHM 346 Organic Chemistry II (3) Select one of the following options: Option 1: CHM 425 Introductory Biochemistry (3) Option 2: CHM 521 Fundamentals of Biochemistry (3) CHM 522 Intermediate Biochemistry (3)</p> <p>PSYCHOLOGY & SOCIOLOGY PSY 100 Introduction to Psychology (3) SOC 100 Introduction to Sociology (3)</p> <p>PHYSICS Select one of the following options: Option 1: PHY 130QR College Physics I (4) PHY 131 College Physics II (4) PHY 170 College Physics Lab I (1) PHY 171 College Physics Lab II (1) Option 2: PHY 145QR University Physics I (4) PHY 146 University Physics II (4) PHY 175 University Physics Lab I (1) PHY 176 University Physics Lab II (1)</p> <p>MATEMATICS: (Requires Algebra and Trigonometry) MTH 106 Trigonometry (3) <i>Pre-requisite course for PHY 130</i> MTH 132 Calculus I (4) <i>Pre-requisite for PHY 145</i></p> <p>STATISTICS Select one of the following: BIO 500 Biological Statistics (3) STA 282QR Introduction to Statistics (3) STA 382QR Elementary Statistical Analysis (3) STA 392 Probability and Statistics for Engineers (3)</p> <p>The courses listed above represent recommended pre-requisite coursework for students who intend to apply for a Doctor of Medicine Program. Some courses may be fulfilled at your community college. Those courses will be listed on the left side of this document.</p>
<p>IMPORTANT NOTES: Admission into any Medical School is highly competitive. For a student to be eligible to apply for entry into a Medical School program they must complete both the requirements for an undergraduate major and a series of pre-requisite courses. A Bachelor's Degree must be earned before admission.</p> <p>For additional information regarding Pre-Medicine please see http://www.cmich.edu/academics/sci_tech/preprofessional/Pages/pre-medicine.aspx. For additional information regarding CMU Medical School see http://www.cmich.edu/colleges/cmed/students/Pages/Admissions%20Requirements.aspx</p> <p>This guide is subject to change and should be used in conjunction with an academic advisor and reflects successful completion of the MACRAO Agreement and the MTA.</p> <p>*CMU competency course requires a grade of "C" or better to satisfy the requirement. **Preferred course selection and a required graduation requirement. ***MTA applicable courses require a grade of "C" or better to satisfy the requirement.</p>		

8/2014 WD/TN

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