



# Key Course Placement and Prerequisites

## 2024-2025

| Mathematical Sciences  |               |  |
|--|---------------|--|
| Class Title  | MOTR          | MSSU Prerequisite  |
| MATH 020 Beginning Algebra*<br><i>Support/Developmental Course</i>   | N/A           | ACT Math score < 19 OR<br>No ACT score   |
| MATH 030 Intermediate Algebra*<br><i>Support/Developmental Course</i>  | N/A           | MATH 020 min grade C OR<br>ACT Math score 19-21  |
| MATH 119 Math for Elementary Teachers I<br><i>Intended for Elementary/Middle School Education Majors</i>                                       | N/A           | MATH 020 min grade C OR<br>ACT Math score 19-21  |
| MATH 125 Contemporary Mathematics<br><i>Intended only for non-STEM majors</i>  | MOTR MATH 120 | MATH 020 min grade C OR<br>ACT Math score ≥ 19   |
| MATH 130 College Algebra<br><i>Intended for STEM, Nursing, Health Promotion &amp; Wellness, Music Industry, Economics, and Finance Degrees</i> | MOTR MATH 130 | MATH 030 with a grade of 'C' or better OR<br>ACT Math score ≥ 22   |
| MATH 140 Algebra and Trigonometry  | MOTR MATH 150 | MATH 030 with a grade of 'C' or better OR<br>ACT Math score ≥ 22   |
| MATH 150 Calculus I  | N/A           | ACT Math score ≥ 27 (need to have taken a Trigonometry class) OR<br>Math 130 AND Math 135 min grade C OR<br>Math 140 with a min grade of C |

\*Students with an initial placement into a developmental mathematics course (MATH 020 or MATH 030) may choose to work through the Mathematics Placement System.

| Written Communication  |               |  |
|--|---------------|--|
| Class Title  | MOTR          | MSSU Prerequisite  |
| ENG 080 Basic Composition<br><i>Support/developmental course</i> | N/A           | No ACT score OR ACT English score < 18   |
| ENG 101 College Composition I                                    | MOTR ENGL 100 | ACT English score ≥ 18, OR<br>Accuplacer Next Generation Writing Placement ≥ 237, OR<br>Demonstrated ability on a writing placement exam |
| ENG 111 Advanced College Composition                             | N/A           | ACT English score ≥ 29 OR<br>Demonstrated ability on a writing placement exam  |

| Modern Languages           |               |  |
|----------------------------|---------------|--|
| Class Title                | MOTR          | MSSU Prerequisite  |
| SPAN 101 Beginning Spanish | MOTR LANG 103 | AP, IB or Seal of Biliteracy credit<br>For a placement exam, contact |
| FREN 101 Beginning French  | MOTR LANG 101 | AP, IB or Seal of Biliteracy credit<br>For a placement exam, contact |

| Natural Sciences   |                                       |   |
|--|---------------------------------------|---|
| Class Title  | MOTR                                  | MSSU Prerequisite   |
| BIO 108, Principles of Biology<br>Co-requisite: BIO 109 Principles of Biology Lab<br><i>Required for all Biology Majors</i>  | MOTR BIOL 150<br>MOTR BIOL 150L       | ACT composite $\geq 21$ OR<br>BIO 101 General Biology, min grade C<br><i>High school chemistry strongly recommended</i> |
| CHEM 121 Chemistry for Allied Health Sciences<br>Co-requisite: CHEM 122 Chem for Allied Health Sciences Lab<br><i>Intended for Allied Health Majors and Health Promotion &amp; Wellness Majors</i> | MOTR CHEM 100<br>MOTR CHEM 100L       | ACT Math core $\geq 22$ OR MATH 0030 with a grade of 'C' or better  |
| CHEM 140, General Chemistry I<br>Co-requisite: CHEM 141 General Chemistry I Lab  | MOTR CHEM 150<br>MOTR CHEM 150L       | MATH 130 min grade of C   |
| CHEM 110, Chemistry and Society  | MOTR CHEM 100                         | Math 0020 OR<br>Math ACT $\geq 19$  |
| GEOG 120 Physical Geography  | MOTR GEOG 100                         | ACT Math core $\geq 19$ OR<br>MATH 0020 min grade C OR<br>Higher level math course                                      |
| GEOL 120 Introduction to Geology<br>GEOL 185 Introduction to Meteorology<br>PHYS 130 Descriptive Astronomy   | MOTR GEOL 100<br>N/A<br>MOTR ASTR 100 | MATH 0020 min grade C OR<br>Higher level math course.   |
| PHYS 120 Fundamentals of Physical Science<br>PHYS 121 Fundamentals of Physical Science w/ Lab  | MOTR PHYS 110<br>MOTR PHYS 110L       | MATH 0020 with a grade of 'C' or better<br>OR Higher level math course  |
| PHYS 160 Elementary College Physics w/ Lab   | MOTR PHYS 150L                        | MATH 140 OR<br>Higher level math course   |

| Civic Engagement  |                                |  |
|---|--------------------------------|--|
| Class Title   | MOTR                           | MSSU Prerequisite  |
| HIST 110 US History 1492 – 1877<br>HIST 120 US History 1877 - Present | MOTR HIST 101<br>MOTR HIST 102 | ACT Reading $\geq$ 17 OR<br>15 hours completed with CUM GPA 2.5 OR<br>Accuplacer Next Generation Reading<br>Placement $\geq$ 250 |

| University Experience (Institutional Requirement)* |  |
|--|--|
| Class Title  | MSSU Prerequisite  |
| UE 100 University Experience                       | First-time Freshmen OR<br>Transfer with < 30 hrs who have not taken a college orientation course                                     |
| HONR 100 Honors Forum                              | Honors Student AND<br>First-time Freshmen OR<br>Transfer with < 30 hrs who have not taken a college orientation course               |
| IET 105 Professional Skills                        | Industrial Engineering Major AND<br>First-time Freshmen OR<br>Transfer with < 30 hrs who have not taken a college orientation course |
| BIO 100 Freshman Seminar                           | MKEAP Student AND<br>First-time Freshmen OR<br>Transfer with < 30 hrs who have not taken a college orientation course                |

*\*UE 100 or its equivalent is expected to be taken the first semester of enrollment, or within the first 30 hours of college credit.*

#### Placement Exam Contacts:

Accuplacer: Contact Testing Services at 417-625-9577

English Placement Exam: Contact the English Department: 417-625-9377

Math Placement System: Contact the Math Department: 417-625-9766 or 417-625-9376

Modern Language Placement Exam: Contact the Modern Language Department: 417-625-9377