



Key Course Placement and Prerequisites

2025-2026

Indicates New/Change from Prior Year

Mathematical Sciences		
Class Title	MOTR	MSSU Prerequisite
MATH 020 Beginning Algebra* <i>Support/Developmental Course</i>	N/A	ACT Math score < 19 OR No ACT score
MATH 030 Intermediate Algebra* <i>Support/Developmental Course</i>	N/A	MATH 020 min grade C OR ACT Math score 19-21
MATH 119 Math for Elementary Teachers I <i>Intended for Elementary/Middle School Education Majors</i>	N/A	MATH 020 min grade C OR ACT Math score 19-21
MATH 125 Contemporary Mathematics <i>Intended only for non-STEM majors</i>	MOTR MATH 120	MATH 020 min grade C OR ACT Math score ≥ 19
MATH 130 College Algebra <i>Intended for STEM, Nursing, Health Promotion & Wellness, Music Industry, Economics, and Finance Degrees</i>	MOTR MATH 130	MATH 030 with a grade of 'C' or better OR ACT Math score ≥ 22
MATH 140 Algebra and Trigonometry	MOTR MATH 150	MATH 030 with a grade of 'C' or better OR ACT Math score ≥ 22
MATH 150 Calculus I	N/A	ACT Math score ≥ 27 (need to have taken a Trigonometry class) OR Math 130 AND Math 135 min grade C OR 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 <i>Support/developmental course</i>	N/A	ACT English score < 18 OR No ACT score
ENG 101 College Composition I	MOTR ENGL 100	ACT English score ≥ 18 OR WritePlacer or WritePlacer ESL ≥ 5
ENG 111 Advanced College Composition	N/A	ACT English score ≥ 29 OR 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 For a placement exam, contact the Modern Language Department

Natural Sciences		
Class Title	MOTR	MSSU Prerequisite
BIO 110 , Principles of Biology <i>Required for all Biology Majors</i>	MOTR BIOL 150 MOTR BIOL 150L	ACT composite ≥ 21 OR BIO 101 General Biology, min grade C <i>High school chemistry strongly recommended</i>
CHEM 125 Chemistry for Allied Health Sciences <i>Intended for Allied Health Majors and Health Promotion & Wellness Majors</i>	MOTR CHEM 100 MOTR CHEM 100L	ACT Math core ≥ 22 OR MATH 0030 with a grade of 'C' or better
CHEM 151 General Chemistry I	MOTR CHEM 150 MOTR CHEM 150L	ACT Math ≥ 27 OR MATH 130 min grade of C
CHEM 110, Chemistry and Society	MOTR CHEM 100	Math 0020 OR Math ACT ≥ 19
GEOG 120 Physical Geography	MOTR GEOG 100	ACT Math core ≥ 19 OR MATH 0020 min grade C OR Higher level math course
GEOL 120 Introduction to Geology GEOL 185 Introduction to Meteorology PHYS 130 Descriptive Astronomy	MOTR GEOL 100 N/A MOTR ASTR 100	MATH 0020 min grade C OR Higher level math course.
PHYS 120 Fundamentals of Physical Science PHYS 121 Fundamentals of Physical Science w/ Lab	MOTR PHYS 110 MOTR PHYS 110L	MATH 0020 with a grade of 'C' or better OR Higher level math course
PHYS 160 Elementary College Physics w/ Lab	MOTR PHYS 150L	MATH 140 OR Higher level math course

Civic Engagement		
Class Title	MOTR	MSSU Prerequisite
HIST 110 US History 1492 – 1877 HIST 120 US History 1877 - Present	MOTR HIST 101 MOTR HIST 102	ACT Reading ≥ 17 OR 15 hours completed with CUM GPA 2 .5 OR Accuplacer Next Generation Reading Placement ≥ 250

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

English WritePlacer: Contact Testing Services at 417-625-9577

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

Reading Accuplacer: Contact Testing Services at 417-625-9577