

University of Southern Indiana MATH Courses

MATH 230 – Calculus I - This course is required for most engineering and science majors, and some other majors are encouraged to take calculus. This course meets the core curriculum requirement

MATH 115 – Pre-Calculus - This course is a three-hour prerequisite course for Calculus I. It is typically taken by engineering and science majors who need to take calculus or physics. This course does not meet the core curriculum requirement.

MATH 118 – Comprehensive Pre-Calculus - This course is a five-hour prerequisite course for Calculus I. It is typically taken by engineering and science majors who need to take calculus or physics. This course does not meet the core curriculum requirement.

MATH 111 – College Algebra- This course is a required course for students who need more math beyond this course. It is typically taken by business majors, engineering majors, science majors and others who need additional math. Students take this course in preparation for the higher level courses. This course meets the core curriculum requirement.

MATH 114 – Quantitative Reasoning – This course is a required course for students who don't need more math beyond this course. It is typically taken by Liberal Arts majors, education majors, and nursing majors. This course meets the core curriculum requirement.

MATH 085 – Foundations for College Algebra – This course is a non-credit course that prepares a student to take the MATH 111 – College Algebra course. Students who take this course are typically students who understand the big picture of what is going on in their math class but get caught by the tricky details of math. This course does not meet the core curriculum requirement. It is a Pass/No Pass class.

MATH 081 – Foundations for Quantitative Reasoning – This course is a non-credit course that prepares a student to take the MATH 114 – Quantitative Reasoning course. Students who take this course are typically students who understand most of what is going on in their math class but need additional review of some concepts to succeed in Quantitative Reasoning. This course does not meet the core curriculum requirement. It is a Pass/No Pass class.