

General Guidelines for Choosing a Mathematics Course

See an OCC advisor if you need additional assistance selecting a mathematics course.

Course	Brief Description	Placement Test	Recommended Majors	<u>Not</u> Recommended for these Majors
Algebra Basics [Developmental course]	A semester-long course covering a thorough review of basic algebra. [Not for Graduation credit]	NA	Intended for students needing to learn or review Algebra.	NA

Courses for general education credit (listed in order of difficulty):

Course	Brief Description	Placement Test	Recommended Majors	<u>Not</u> Recommended for these Majors
A Survey of Math	A math appreciation course - includes sets, probability, logic systems, and other mathematical systems	NA	Humanities Communications Liberal Arts/Arts Education	STEM Business
Introduction to Statistics	A course designed to provide a working knowledge of statistics: both descriptive and inferential.	NA	Liberal Arts/Arts Business Humanities Pre-Nursing Social Science	STEM
Algebraic Modeling	A course for various majors for which a conceptual understanding of algebra topics is appropriate.	NA	Liberal Arts/Arts Humanities Social Science	STEM Business
College Algebra	A prerequisite for Precalculus. Students who successfully passed HS Precalculus should not take this course.	AAF Score of 260 or lower See Policy #5161.	Business STEM (Science, Technology, Engineering, Mathematics)	Humanities Communications Arts Any major in which Precalculus or Calculus is not required.
Finite Mathematics	A course in solving equations and inequalities, working with matrices, and linear programming.	NA	Liberal Arts Business	STEM
Precalculus Mathematics	Prepares students for Calculus and is a prerequisite course.	AAF Score between 260 - 289	STEM Business Some Psychology	Any major not requiring Calculus.
Calculus I & II	A two-semester sequence of calculus topics.	AAF Score of 290 or above.	STEM Business	