

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
Algebra Basics MATH 023 [Developmental course]	A semester-long course covering a review of basic algebra. [Not for Graduation credit]	NA	Intended for students needing to learn, or review, basic Algebra.

**General Education Math Courses for the following majors:
Communications, Humanities, Education, Fine Arts, Social Science, Liberal Arts,
(Statistics: Pre-Nursing, Psychology, Criminal Justice, Business)**

Course	Brief Description	Placement Test
A Survey of Math MATH 151 (3 credits)	A math appreciation course - includes sets, probability, logic systems, and other mathematical systems	NA
Introduction to Statistics MATH 156 (3 credits)	A course designed to provide a working knowledge of statistics: both descriptive and inferential.	NA
Algebraic Modeling MATH 158 (4 credits)	A course providing a conceptual understanding of algebra topics. Cannot serve as a pre-requisite for Precalculus.	NA
Finite Mathematics MATH 171 (3 credits)	A course in solving equations and inequalities, working with matrices, and linear programming.	NA

**General Education Math Courses for the following majors:
STEM (Science, Technology, Engineering, Mathematics), Business, Psychology[^]**

Topics in Algebra MATH 166 (4 credits)	A pre-requisite for Precalculus. Students who successfully passed HS Precalculus should <u>not</u> take this course.	AAF** Placement Score of 259 or lower.
Precalculus Mathematics MATH 191/192 (3 cr – 3 cr)	A two-semester, pre-requisite sequence to prepare students for Calculus. A one-semester option is available.	AAF** Score 260 - 289
Calculus I & II MATH 265/266 (4 cr – 4 cr)	A two-semester sequence of Calculus topics.	AAF** Score of 290 or above.

[^] For Psychology majors, enrolling in Precalculus depends on your transfer college.

** See Policy #5161 for details. Placement Test: Advanced Algebra and Functions (AAF)

Additional Mathematics Courses:

Calculus III, Discrete Math, Linear Algebra, Differential Equations