

Placement into Mathematics Courses

Initial placement into mathematics courses will be made using ACT math subscores. Students who do not have a current ACT math subscore or students who are unhappy with their placement based on this score may take the Accuplacer mathematics placement test at the testing center in Sanford Hall. The Accuplacer placement test consists of two parts, an Elementary Algebra (EA) test and a College Level Mathematics (CLM) test. Scores and placement levels are as follows:

ACT Math Subscore	Accuplacer Scores	Placement
0-19	0-69 on EA	Math 0800
20 or higher	70 or higher on EA	Math 1100 or 1107
22 or higher*	76 or higher on EA and 50 or higher on CLM	Math 1170
26 or higher	76 or higher on EA and 65 or higher on CLM	Math 1470 or Math 1180 or Math 2471

*Students who need Math 1170 and have an ACT math subscore below 22 should take Math 0092 first.

When there is a choice of courses please consult the requirements of the student's intended major to determine which course is most appropriate. If the student has not chosen a major the higher numbered course is generally the better choice because it leaves the student with more options in the future. Students should only be placed in Math 2471 if they meet the minimum test scores and they have solid preparation in both algebra and trigonometry. Below is some general information about the courses.

Math 1100 Mathematical Reasoning is recommended for students whose intended major does not require a mathematics course numbered 1170 or above. It covers some algebra, basic probability and statistics and other applications of mathematics.

Math 1107 Introduction to the Mathematical Sciences is recommended for students whose intended major does not require a mathematics course numbered 1170 or above. It integrates the study of algebra, statistics and computing in a laboratory environment.

Math 1170 College Algebra is required in a number of majors including Business Administration and Accounting. It is a prerequisite to a number of statistics courses and together with Math 1180 Trigonometry provides sufficient preparation for Math 2471 Calculus I.

Math 1180 Trigonometry can be taken in place of Precalculus if the student has sufficient background in algebra but insufficient background in trigonometry to place into calculus.

Math 1470 Precalculus is required in some majors and is a prerequisite to Calculus I. In addition to the content of College Algebra, Precalculus also covers trigonometry. Precalculus may be taken in place of Math 1170 College Algebra and Math 1180 Trigonometry.

Math 2471 Calculus I is the first course in our regular calculus sequence. It is required in several programs and is an entrance requirement for many graduate and professional programs.