

Mathematics Placement Cutoffs

You are **permitted** to take any course for which you qualify by any index. Generally, the MathIndex3 is the most reliable indicator for success. We encourage students to discuss their choice with their advisors, especially if you are on the borderline or if the indices differ in recommendation. Students with transfer credit can be placed based on their prior coursework.

Course		MathIndex3	Math ACT	Math SAT	ALEKS (proctored)
<i>4-credit MA 111</i>	<i>Contemporary Math (4 credit for APP students)</i>	60	17	470	28
MA 111	Contemporary Math	62	19	500	30
<i>5-credit MA 109</i>	<i>College Algebra (5 credit)</i>	66	20	520	42
MA 109	College Algebra	68	21	540	46
MA 110	Precalculus	76	25	590	61
MA 123	Elementary Calculus	78	26	620	61
MA 113/ MA 137	Calculus I / Calculus I for Life Sciences	80	27	650	76

In line with the University of Kentucky's policy on test-optional admissions, we offer additional entry points to our courses. These depend on the overall unweighted high school GPA, and/or math courses successfully completed on the transcript.

Course	High school transcript conditions (unweighted GPA)	College Prerequisite
<i>4-credit MA 111</i>	<i>$GPA \geq 2.85$</i>	<i>See Note A below</i>
MA 111	($GPA \geq 3.00$) OR ($GPA \geq 2.50$ and Pre-Calc) OR Calculus	
<i>5-credit MA 109</i>	<i>($GPA \geq 3.15$) OR ($GPA \geq 2.90$ and Pre-Calc)</i>	<i>C or better in MA 111</i>
MA 109	($GPA \geq 3.25$) OR ($GPA \geq 3.00$ and Pre-Calc) OR Calculus	B or better in MA 111
MA 110	($GPA \geq 3.65$) OR ($GPA \geq 3.30$ and Pre-Calc) OR Calculus	C or better in MA 109
MA 123	($GPA \geq 3.90$) OR ($GPA \geq 3.75$ and Pre-Calc) OR ($GPA \geq 3.20$ and Calculus)	C or better in MA 109
MA 113/ MA 137	($GPA \geq 3.90$ and Pre-Calc) OR ($GPA \geq 3.50$ and Calculus)	C or better in MA 110

The corequisite version of MA 111 and MA 109 are controlled enrollment courses. Email A&S Scheduling ASAcadPlanning@uky.edu to obtain registration permission.

Notes

- A. College Prerequisite for 4-credit MA 111:
- a. APP Math Students with fewer than 12 earned credit hours at UK are allowed to register if at midterm they have 12 attempted credit hours with a midterm GPA of at least 2.5.
 - b. APP Math Students with at least 12 earned credit hours at UK are allowed to register for 4-credit MA 111 if they have a cumulative GPA of at least 2.0.

B. Calculus AP Credit

Calculus **AB** Exam: A score of 3 or higher will give credit for MA 113.

Calculus **BC** Exam: A score of 3 or higher will give credit for MA 114.

C. Alternate path to MA 113 or MA 137

If you have already taken MA 123 and received a B or higher, you are permitted to register for MA 113 or MA 137. (This is intended to simplify the program of students who take MA 123 and then change to a major that requires a different calculus course. Note that these courses assume a good working knowledge of trigonometry. Entering students who plan to take MA 113/137 are better served by taking MA 110 as this course covers topics such as trigonometry.)

D. Other circumstances

This page can address the needs for most students, but there are always a few exceptional cases. If you have transfer credit, have taken placement exams other than those mentioned, or have any other circumstance that affects your math placement, please discuss this with your advisor, who will consult with the math department.

E. About MathIndex3

The MathIndex3 is our **most reliable indicator** for placement. It is a linear combination of the unweighted high school GPA (on a 4-point scale) and math ACT (or converted SAT for students who do not have ACT). More specifically, it is

$$\text{MathIndex3} = 8.333 * \text{HSGPA} + 1.852 * \text{Math ACT}$$

- F. For more information about placement, overrides, MathExcel, CLEP exams, and many other topics, see <https://math.as.uky.edu/100-level-courses>