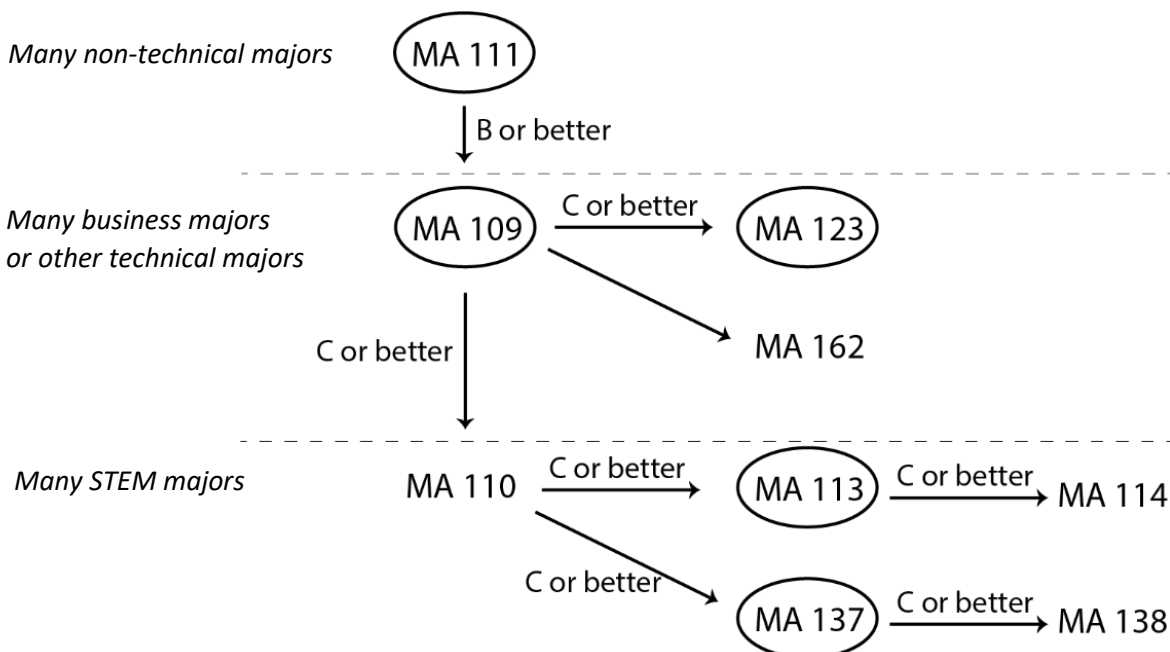


What math class should I take first?

I. What do I need?

This is a general guideline. **Talk with an advisor familiar with your program** to be sure you understand what is required! The **circled** courses satisfy the UK Core Quantitative Foundations requirement. (There are also courses in other departments which satisfy this requirement, such as PHI 120.)



Other course options

- **Corequisite MA 111**

If you do not yet qualify for MA 111, you may be eligible to take the 4-credit (APP) version of MA 111. **Talk with your advisor** about any questions regarding your placement and path.

- **Corequisite MA 109**

This class includes two extra hours of class time, and is intended for

- Students who are close to qualifying for MA 109, and would rather start there than taking MA 111 first
- Students who receive a C in MA 111 instead of B or better, and need to move on
- Students who just barely qualify for MA 109, and would appreciate the extra class time to help them succeed

II. What am I **ready** for?

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>MA 111 Coreq</i>	<i>Contemporary Math (4 credit for APP students)</i>	60	17	470	28
MA 111	Contemporary Math	62	19	500	30
<i>MA 109 Coreq</i>	<i>College Algebra (4 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 high school GPA, and/or math courses successfully completed on the transcript.

Course		High school transcript conditions
<i>MA 111 Coreq</i>	<i>Contemporary Math (4 cr for APP students)</i>	<i>GPA ≥ 2.85</i>
MA 111	Contemporary Math	(GPA ≥ 3.00) OR (GPA ≥ 2.50 and Pre-Calc) OR Calculus
<i>MA 109 Coreq</i>	<i>College Algebra (4 cr)</i>	<i>(GPA ≥ 3.15) OR (GPA ≥ 2.90 and Pre-Calc)</i>
MA 109	College Algebra	(GPA ≥ 3.25) OR (GPA ≥ 3.00 and Pre-Calc) OR Calculus
MA 110	Precalculus	(GPA ≥ 3.65) OR (GPA ≥ 3.30 and Pre-Calc) OR Calculus
MA 123	Elementary Calculus	(GPA ≥ 3.90) OR (GPA ≥ 3.60 and Pre-Calc) OR (GPA ≥ 3.00 and Calculus)
MA 113/ MA 137	Calculus I / Calculus I for Life Sciences	(GPA ≥ 3.75 and Pre-Calc) OR (GPA ≥ 3.10 and Calculus)

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

APP Students with high school GPA below 2.85 are required to earn at least 12 college credit hours with a GPA of at least 2.0 before they enroll in the corequisite MA 111.

III. Beyond the chart

A. Calculus AP Credit

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

Need more math?

- A score of 4 or 5, we recommend beginning in MA 114 or MA 138.
- A score of 3, we recommend retaking MA 113 or MA 137.

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

Need more math?

- A score of 4 or 5, we recommend beginning in MA 213.
- A score of 3, we recommend retaking MA 114 or MA 138.

B. 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.)

C. 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.

D. 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

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

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