

## Mathematics Placement Recommendations

- Students entering with college credit or credit earned by an AP Calculus exam may be placed into a mathematics based on their prior course work. See

<http://www.math.uky.edu/lower-level-math-placement>  
for recommendations regarding placement based on AP credit.

- Students must earn either a Math ACT of 19 (or an equivalent Math SAT score) or a proctored ALEKS score of 30 to register in a MA course. Students with a Math ACT of 18 can register in MA 111 combined with A&S 121. Students with a Math ACT of 17 or less will take UK 101 (APP Student Success) (2 credit). There are several alternative ways to place into MA 111 which are described by the Council on Post-Secondary Education (CPE).
- All students receive a placement based on their Math ACT score. For students who present SAT scores, the table below gives equivalent Math SAT scores.
- We also provide most students a second recommendation using the MathIndex (officially, MathIndex3) which is based on the student's Math ACT score and the student's high school GPA (on a four point scale). We believe the MathIndex is the most reliable predictor of student success in our courses.

For students who have an SAT score, but not an ACT score, the registrar's office will convert the Math SAT to an equivalent ACT score and use that to compute the MathIndex.

- Students may also take the ALEKS test which will provide a third recommendation on the courses for which a student is prepared. Students are encouraged to use the ALEKS system to review and strengthen their mathematics preparation. Students will need to take ALEKS in a proctored setting to use the score for placement.
- The Department's placement recommendations will provide a list of courses that students may take. Students should work with their advisor to select the course that is needed for their major.

- Students who only need to satisfy the UK Core requirement for quantitative foundations should take MA 111 or one of the UK Core courses offered by other departments. The largest of these is PHI 120.
- Some students will receive different placements based on different placement indicators. In these cases, students are allowed to enroll in any course for which they earn placement. However, we encourage students to discuss their decision with their adviser and make use of the review modules within ALEKS.
- Students who do not have a Math ACT score or prior college work must take the ALEKS test and are placed based on their ALEKS scores.

The cut scores or minimum scores needed to earn placement are as follows:

Course	MathIndex3	Math ACT	Math SAT2016	ALEKS
MA 109	68	21	540	46
MA 110	76	23*	570*	61
MA 111	62	19	500	30
MA 113/137	80	27	650	76
MA 123	78	26	620	61

\*Beginning Fall 2020 the cut scores for MA 110 will be ACT 25 and SAT2016 590.

Department of Mathematics  
May 30, 2019