

MEMO

FROM: Reimagining General Education Leadership Team (Contact: Katie Hartman)
SUBJECT: 2021-22 Undergraduate Catalog Language – Quantitative Reasoning
DATE: March 12, 2021

The purpose of this document is to provide an outline for the BRICKS – Quantitative Reasoning language for the Undergraduate Catalog.

Foundations Requirements

Foundations ground general education. Foundation courses provide you with opportunities to learn to communicate effectively through writing, to reason quantitatively, and to build global and domestic intercultural knowledge and competence.

Written Communication. Three credit hours of Written Communication coursework is required. Either ENG 1510 or 1610 (for non-native English speakers only) will satisfy the Written Communication requirement.

Advanced Writing. Three credit hours of Advanced Writing coursework is required. This catalog contains a complete list of Advanced Writing courses marked with the designation (FAW) as the general education code. To identify Advanced Writing courses, simply place AW in the keyword or phrase search. It may be possible to fulfill this requirement by taking at least three credit hours in your major; you should see your major advisor for information as to whether your discipline offers such a course or courses.

Quantitative Reasoning. You must demonstrate or acquire an acceptable level of quantitative reasoning to satisfy graduation requirements. The University uses a combination of your ACT or SAT (see chart below) math score and your high school GPA to determine your skill level for an initial math placement or exemption unless the Quantitative Reasoning requirement has been satisfied by transfer or advanced placement credit. Students in some majors are required to have a math placement regardless of transfer or advanced placement credit in order to meet requisite requirements. The choice of the course in which you should enroll, if any, depends on your major, catalog of entry, and math placement, and it should be discussed with your academic advisor.

Athens Campus and eCampus students without high school GPA, ACT or SAT scores, SAT scores, advanced placement, or a transferable math course must take a math placement test, which is available through the ALEKS placement system. To determine if you should take a math placement test and to learn how to do so may be found at <https://www.ohio.edu/cas/math/placement>.

Athens Campus and eCampus students who would benefit academically from beginning in a higher math class than their original placement indicates are also welcome to use the ALEKS placement system. Athens Campus and eCampus students should direct questions to the Department of Mathematics at 740.593.1254 College of Arts & Sciences at cas.undergrad@ohio.edu or 740.593.2846. Regional and eCampus students should contact their student services offices for math placement information.

Math Placement Level	Minimum ACT Math Score Needed	Minimum SAT Math Score Needed <small>(Test taken before March 2016)</small>	Minimum SAT Math Score Needed <small>(Test taken March 2016 or later)</small>
DV	0	0	0
PL1	20	480	510
PL2	24	560	570
PL3	30	680	690

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To enroll in any mathematics (MATH) or other Quantitative Reasoning course, you must either place at the specific level required for that course or satisfy the appropriate requisites. Quantitative Reasoning courses are marked in this catalog with the designation (FQR) as the general education code.

Placement levels are:

- **DV** (Developmental): Placement at this level indicates the need for further preparation before enrolling in a quantitative reasoning course. You must complete [MATH D004](#) or [MATH D005](#) before enrolling in a quantitative reasoning course.
- **PL1** (Placement Level 1): Placement at this level indicates preparation for any of the following courses that will fulfill the Quantitative Reasoning requirement: [\[List courses here\]](#)
- **PL2** (Placement Level 2): Placement at this level indicates preparation for Level 1 courses as well as these additional quantitative reasoning courses: [\[List courses here\]](#)
*Note: [MATH 1300](#) is the requisite course for [MATH 2301](#). [MATH 1300](#) is **not** recommended unless you plan on enrolling in [MATH 2301](#). Students cannot earn credit for both [MATH 1350](#) and [2301](#).*
- **PL3** (Placement Level 3): Placement at this level demonstrates quantitative reasoning competence sufficient to fulfill the Quantitative Reasoning requirement. If your major requires that you enroll in a quantitative reasoning course, placement at Level 3 indicates preparation for [MATH 2301](#) and any course in Level 1 or 2. A Level 3 placement does not guarantee a waiver of college or major requirements in mathematics. Contact your college student services office to see if a college waiver is in effect for your major.