



Students are required to demonstrate math proficiency at the calculus level as part of their application to the PharmD Early Assurance program. Details about these options for Fall 2024 Early Assurance admission are outlined below.

### Option 1: Minimum SAT or ACT MATH score.

Students may demonstrate math proficiency with an SAT MATH score of 660 or higher, or an ACT MATH score of 28 or higher. The score must be from August 1, 2023 or later.

Prepare to upload a copy of your SAT/ACT MATH score when submitting your Early Assurance application.

### Option 2: College credit for a pre-approved calculus course via credit-bearing exam or dual enrollment.

➤ **Exam credit:**

- AP: A score of 3 or higher on either the Calculus AB or BC exam meets this requirement.
- IB: A score of 5 or above on the Mathematics: Analysis & Approaches *HL* exam meets this requirement.
- CLEP: A score of 50 or higher on the Calculus exam meets this requirement.
- Cambridge CIE Program: A score of E or better on the Mathematics A-Level or Further A-Level meets this requirement.

➤ **Dual Enrollment credit from an accredited college or university, with a grade of A or B.** The calculus course must be pre-approved as being equivalent to UArizona's MATH 113 (Elements of Calculus), MATH 122B (First-Semester Calculus), or MATH 125 (Calculus I).

- Credit earned at an Arizona community college or state university: Check to make sure your course is equivalent by going to the [Arizona Course Equivalency Guide](#).
- Credit earned out-of-state: Check the UArizona's [Out of State Transfer Guide](#) to find out if the course you took at another college happens to be pre-approved as equivalent to a UArizona calculus course. If you cannot find your course in the Transfer Guide, you will need to submit a [Math Transfer Course Evaluation Request form](#). This will require submission of your course syllabus and other relevant documents for review.

You must be able to provide a transcript of your earned credit at the time you submit your Early Assurance application; the course cannot still be in progress. (If your calculus course is currently in-progress, you may want to demonstrate your math proficiency via option #3.) The transcript must come from the college or exam agency that awarded the credit; high school transcripts are not accepted.

### Option 3: Score of 75 or higher on the PPL Math Placement Assessment

The PPL Math Placement Assessment is an online proctored exam, coordinated by the UA Math Department. Students who want to make arrangements to take this exam should contact Rebecca Field at [rmitch@arizona.edu](mailto:rmitch@arizona.edu) for more information. Please note that the exam is only available during certain months of the year. Students may attempt the exam once at no cost; a fee will be charged for repeated exams.

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Still have questions? Contact Rebecca Field at [rmitch@arizona.edu](mailto:rmitch@arizona.edu) for more information.