

COLLEGE OF LIBERAL ARTS GENERAL EDUCATION MATHEMATICS REQUIREMENT

Most students in the College of Liberal Arts need to take Math 145 for their General Education mathematics requirement. D or higher is considered passing. Before students can take this course, they will need to meet the pre-requisite conditions set forth by the Department of Mathematics and Statistics. As required by that department, “Any student who has never taken a math or statistics course in college is **required** to take the placement test. This includes transfer students whose previous mathematics or statistics courses are not **equivalent** to any WSU mathematics or statistics courses.”¹ Some important information about placement is as follows:

1. Placement scores expire after 1 year. Students can retest if their scores expire (though evidence shows that later scores tend to be lower).
2. The test can be retaken 4 times per year.
3. Students can register for or get more information about the test by calling University College (x5771).
4. The math placement test score can be found in two places on a student’s electronic record: on DARS and on the student’s academic profile in Wings Express (both of which are viewable by advisors).

The following chart lays out exactly what a student needs to do depending on his or her placement score:

PLACEMENT LEVEL SCORE	REQUIRED FIRST COURSE	REQUIRED NEXT COURSE	REQUIRED NEXT COURSE	REQUIRED NEXT COURSE
0	DEV 083 Basic Mathematics I	DEV 095 Elementary Algebra	MTH 145 Mathematics and the Modern World	NONE
1	DEV 083 Basic Mathematics II or DEV 093 Basic Math Skills III	DEV 095	MTH 145	NONE
2	DEV 095	MTH 145	NONE	NONE
3	MTH 126 Intermediate Algebra, MTH 127 Accelerated Intermediate Algebra, or MTH 145	NONE if MTH 145 is taken	NONE	NONE
4	MTH 128 College Algebra, MTH 127, or MTH 145	NONE if MTH 145 is taken	NONE	NONE
4T	MTH 130 Precalculus	MTH 229 Calculus I	MTH 230 Calculus II	NONE
5	MTH 131 Trigonometry or MTH 228 Calculus for the Management, Life, and Social Sciences	NONE if MTH 228	NONE	NONE
7	MTH 229	MTH 230	NONE	NONE

For most Liberal Arts majors, a score of 3 or above will mean they can take MTH 145 and be done. Some students may wish to be challenged beyond what MTH 145 entails and, if they test at level 5 or above, can take either MTH 228 or MTH 229 **and** 230.

Furthermore, any student scoring high enough to take at least MTH 145 can opt instead to take STT 160. The benefit of this is that in those majors that do not have a **specific** statistics requirement for Research Methods, STT 160 can do double duty and count for both GE math and RM stats.

Additionally, there are some students who have what is called a “Math Deficiency”: “Any student who has a high school math deficiency must take MTH 126 or MTH 127. Students with a high school math deficiency who need to take MTH 145 for their major could take MTH 126/7 **at the same time** as MTH 145.”

Finally, one last note that is perhaps the most important thing to remind students: **there is no way to completely test out of math at Wright State**. The only exception to this is that credit posted as the result of an appropriate score on the Advanced Placement exam may be used to fulfill the GE mathematics requirement.

¹ Unless otherwise stated, all quoted material comes from the *Undergraduate Advising Handbook* (WSU Advising Council, 2007).