LEARNING SUPPORT MATHEMATICS - ADVISING GUIDELINES

GETTING THE RIGHT STUDENT IN THE RIGHT PATHWAY

A successful college experience starts with an early identification of a coherent program of study, and it is fundamental that we assist our students to select an appropriate mathematics pathway that aligns with their particular program. The following guidelines will help you assess each individual student, select the appropriate mathematics pathway, and select the necessary support to ensure they have the best chance of success.

STEP 1: Select between the STEM or the Non-STEM pathway:

STEM PATHWAY

1. **MATH PLACEMENT INDEX C-STEM OR HIGHER**
   The student does not need any support course and can enroll in MATH 1111.

2. **MATH PLACEMENT INDEX FROM B-STEM TO C-STEM -1**
   Students with an MPI in this range will have the opportunity to enroll in MATH 1111 while taking an additional support course MATH 0999 as a co-requisite that will provide the necessary just-in-time support and resources to assist the students in the college-level course.

   Students must pass both the college level class and the support class to satisfy their LS requirements. (MATH 0999, MATH 1111)

3. **MATH PLACEMENT INDEX BELOW B-STEM**
   Students with an MPI less than B-STEM will start their year-long pathway by enrolling in the foundations course MATH 0989. After their successful completion of this foundations course, the student will be prepared to enroll in MATH 1111 together with its co-requisite component MATH 0999.

   Students must pass the foundations course, and both the college level class and the support class in one year to satisfy their LS requirements. (MATH 0989 and the co-requisite MATH 0999/MATH 1111)

NON-STEM PATHWAY

1. **MATH PLACEMENT INDEX C-NONSTEM**
   The student does not need any support course and can enroll in MATH 1001. (Replace MATH 1001 by MATH 1101 as appropriate for your institution)

2. **MATH PLACEMENT INDEX FROM B-NONSTEM TO C-NONSTEM -1**
   Students with an MPI in this range will have the opportunity to enroll in MATH 1001(1101) while taking an additional support course MATH 0997(0998) as a co-requisite that will provide the necessary just-in-time support and resources to assist the students in the college-level course.

   Students must pass both the college level class and the support class to satisfy their LS requirements. (MATH 0997(0998), MATH 1001(1101))

3. **MATH PLACEMENT INDEX BELOW B-NONSTEM**
   Students with an MPI less than B-NONSTEM will start their year-long pathway by enrolling in the foundations course MATH 0987(0988). After their successful completion of this foundations course, the student will be prepared to enroll in MATH 1001(1101) together with its co-requisite component MATH 0997(0998).

   Students must pass the foundations course, and both the college level class and the support class in one year to satisfy their LS requirements.

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1 See the next page of this guideline for the list of majors served by each pathway

2 Students with a Math Placement Index above C-STEM or with AP Calculus test scores should visit the Department of Mathematics for placement beyond MATH 1111.
**STEM Pathway required system-wide. Others will be institutionally evaluated.**